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A NASTRAN VIBRATION MODEL OF THE AH-1G  
HELICOPTER AIRFRAME. VOLUME II

James D. Cronkhite, et al

Bell Helicopter Company

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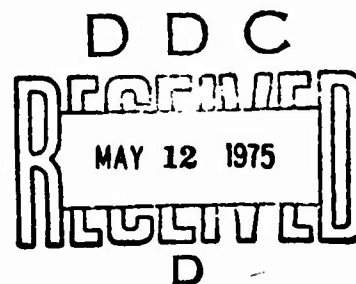
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A NASTRAN VIBRATION MODEL OF THE  
AH-1G HELICOPTER AIRFRAME

VOLUME II OF II

JUNE 1974

FINAL REPORT



PREPARED BY

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BELL HELICOPTER COMPANY

FORT WORTH, TEXAS

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4. Finite Element Model	9. Helicopter											
5. Mathematical Model												
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report documents a NASTRAN finite element model of the AH-1G helicopter airframe. The model was developed for the purpose of representing the low frequency vibration response of the airframe and the structure deflections due to weapon firing. The nastran input data deck for the model is included in the documentation as well as a Normal Modes run on Level 15.1 of the program.  (over)												

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20.

The documentation is aimed at assuring that the government can independently use and modify the model to reflect actual or proposed changes in design. It is assumed that government personnel using this model and documentation have a good understanding of the NASTRAN computer program.

The documentation consists mainly of drawings and sketches of the idealized NASTRAN model with supporting instructions. In addition, the actual structure is identified and the idealization of the structure as a finite element model is explained. The NASTRAN input data deck serves as a major portion of the documentation.

## FOREWORD

This report, "A NASTRAN Vibration Model of the Bell AH-1G Helicopter Airframe," was prepared by Bell Helicopter Company, Fort Worth, Texas, for the U. S. Army Armament Command, Rock Island, Illinois, under contract DAAF03-73-C-0122. Messrs. Carl E. Swindlehurst, Jr. (USAAMRDL-Langley) and Eugene C. Naumann (NASA-Langley) were the contracting officer's technical representatives.

The authors acknowledge the help of Bell Helicopter Company's Mr. David L. Kidd, Dynamics Group Engineer, for his contributions to the study.

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## 8. NASTRAN DATA

### 8.1 INPUT DECK

#### 8.1.1 Organization of the Unsorted Bulk Data Deck

The unsorted bulk data is organized in a manner which should allow quick and easy reference to the NASTRAN model. Special ID numbering conventions, described in Table 8-1, are used in the modeling, and familiarity with these conventions should allow the user to easily identify and locate grid points and structural elements. The outline below shows the organization of the bulk data and should provide additional aid in referring to the model.

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TABLE 8-1. ID NUMBERING CONVENTIONS USED IN THE MODELING

I. GRID POINTS

A. Fuselage, tailboom, vertical fin, elevator

$\begin{array}{c} \underline{X} \ \underline{X} \ \underline{X} \ \underline{Y} \ \underline{Z} \\ | \qquad | \\ \text{station} \quad \text{counter number} \end{array} \left\{ \begin{array}{l} \text{lower to upper, Y} \\ \text{right to left, Z} \end{array} \right.$

B. Wings

$\begin{array}{c} \underline{W} \ \underline{X} \ \underline{X} \ \underline{Y} \ \underline{Z} \\ | \qquad | \qquad | \\ \text{wing station} \quad \text{counter number} \end{array} \left\{ \begin{array}{l} \text{forward spar to aft spar, Y} \\ \text{upper to lower, Z} \end{array} \right.$   
 $\left\{ \begin{array}{l} 6 - \text{right wing} \\ 7 - \text{left wing} \end{array} \right.$

C. Main rotor mast/transmission

$\begin{array}{c} \underline{X} \ \underline{X} \ \underline{X} \ \underline{Y} \ \underline{Y} \ \underline{Y} \\ | \qquad | \\ \text{station} \quad \text{waterline} \end{array}$

D. Main rotor transmission case support

$\begin{array}{c} \underline{X} \ \underline{X} \ \underline{X} \ \underline{0} \ \underline{Y} \ \underline{Z} \\ | \qquad | \\ \text{station} \quad \text{counter number} \end{array} \left\{ \begin{array}{l} \text{lower to upper, Y} \\ \text{right to left, Z} \end{array} \right.$

E. Tail rotor mast/gearbox

$\begin{array}{c} \underline{X} \ \underline{X} \ \underline{X} \ \underline{Y} \ \underline{Y} \ \underline{Y} \\ | \qquad | \\ \text{station} \quad \text{buttline} \end{array}$

F. Skid landing gear

$\begin{array}{c} \underline{2} \ \underline{X} \ \underline{X} \ \underline{X} \ \underline{Y} \ \underline{Y} \\ | \qquad | \\ \text{station} \quad \text{identification number} \end{array} \left\{ \begin{array}{l} 01 - \text{left side} \\ 02 - \text{right side} \end{array} \right.$

G. Engine mounts

$\frac{1}{\text{station}}$   $\frac{X}{\text{counter number}}$   $\frac{X}{\text{lower to upper, Y}}$   $\frac{X}{\text{right to left, Z}}$

H. Engine

$\frac{1}{\text{station}}$   $\frac{X}{\text{counter number}}$   $\frac{X}{\text{lower to upper, Y}}$   $\frac{X}{\text{right to left, Z}}$   $\frac{0}{\text{lower to upper, Y}}$   $\frac{0}{\text{right to left, Z}}$

I. Useful load cg's

$\frac{X}{\text{station}}$   $\frac{X}{\text{counter number}}$   $\frac{X}{\text{lower to upper, Y}}$   $\frac{0}{\text{right to left, Z}}$   $\frac{0}{\text{right to left, Z}}$

II. STRUCTURAL ELEMENTS

A. Fuselage

1. Doublers, caps, skins, useful load trusses, main rotor mast/transmission, skid landing gear, engine mounts

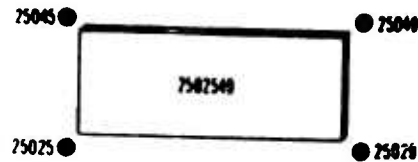
$\frac{X}{\text{station}}$   $\frac{X}{\text{counter number}}$   $\frac{X}{\text{lower to upper, Y}}$   $\frac{X}{\text{right to left, Z}}$   $\frac{X}{\text{lower to upper, Y}}$   $\frac{X}{\text{right to left, Z}}$   $\frac{X}{\text{lower to upper, Y}}$   $\frac{Y}{\text{right to left, Z}}$

2. Rods for shear panel

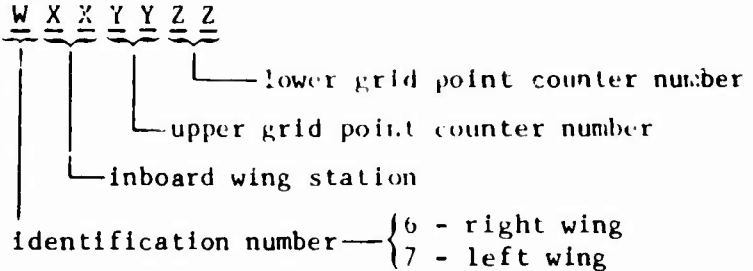
$\frac{X}{\text{station}}$   $\frac{X}{\text{counter number}}$   $\frac{X}{\text{lower to upper, Y}}$   $\frac{X}{\text{right to left, Z}}$   $\frac{X}{\text{lower to upper, Y}}$   $\frac{X}{\text{right to left, Z}}$   $\frac{Y}{\text{lower to upper, Y}}$   $\frac{Y}{\text{right to left, Z}}$

3. Bulkheads

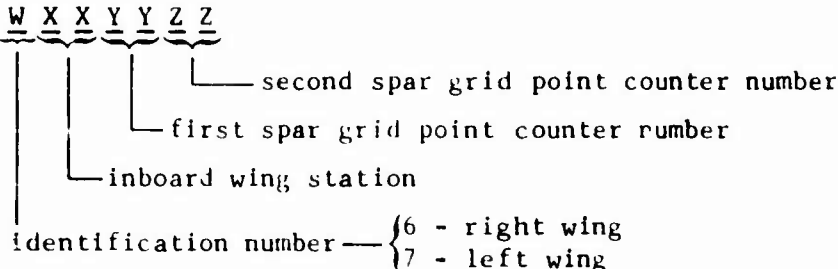
$\frac{X}{\text{station}}$   $\frac{X}{\text{counter number}}$   $\frac{X}{\text{lower to upper, Y}}$   $\frac{Y}{\text{right to left, Z}}$   $\frac{Y}{\text{lower to upper, Y}}$   $\frac{Z}{\text{right to left, Z}}$   $\frac{Z}{\text{lower to upper, Y}}$   $\frac{Z}{\text{right to left, Z}}$



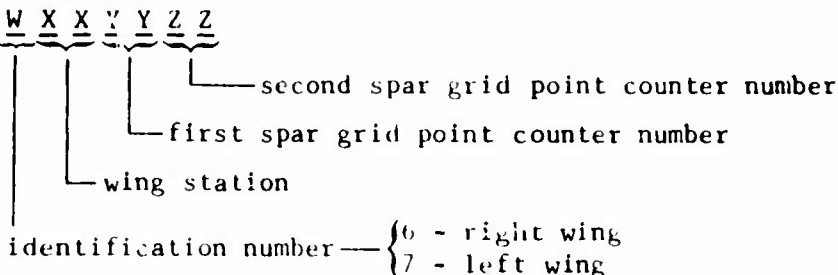




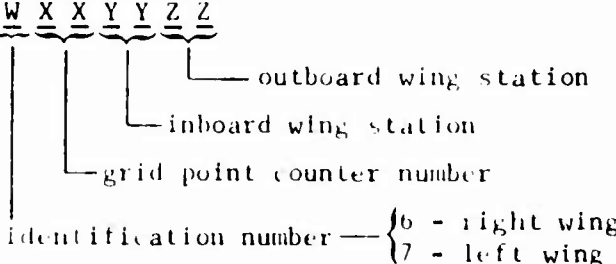
### 3. Skins



#### 4. Ribs



## 5. Lugs



### III. MISCELLANEOUS

#### A. Shear panel/membrane properties

1. Primary

X X X Y Y Y Y  
|                    |  
skin thickness in thousandths of an inch      material identification number

2. Secondary

X X X X X  
|  
skin thickness in hundred-thousandths of an inch

B. Bar properties

X X X X X X X  
|  
bar element identification number

C. Materials

1. Primary

X X X X  
|  
alloy number

2. Secondary

X X  
|  
counter number

D. Coordinate systems for SPC's

X X X X X  
|  
grid point at which SPC's applied

### 8.1.2 Listing of the Unsorted Bulk Data Deck

[illegible]

FORWARD FUSELAGE SUBASSEMBLY

STA 61.25 BULKHEAD  
209-030-101-301  
209-030-510-007

6127	0	10.00	40.91	0	456
6131	0	-10.00	40.91	0	456
6133	0	13.82	46.00	0	456
6137	0	10.00	46.00	0	456
6139	0	10.00	46.00	0	456
6141	0	-13.82	46.00	0	456
6143	0	14.54	54.16	0	456
6147	0	10.00	54.16	0	456
6149	0	-10.00	54.16	0	456
6161	0	-14.54	60.00	0	456
6163	0	15.06	60.00	0	456
6167	0	10.00	60.00	0	456
6169	0	-10.00	60.00	0	456
6171	0	-15.06	69.42	0	456
6179	0	-10.00	69.42	0	456

STA 70.79 PSEUDO-BULKHEAD  
FORWARD TURRET ATTACH POINTS

7031	0	15.04	46.00	0	3456
7033	0	10.00	46.00	0	456
7037	0	-10.00	46.00	0	456
7039	0	-15.04	46.00	0	3456
7043	0	10.00	54.38	0	2456
7047	0	-10.00	54.38	0	2456
7061	0	15.80	60.38	0	456
7063	0	10.00	60.38	0	456
7067	0	-10.00	60.38	0	456
7069	0	-15.80	60.38	0	456
7071	0	-15.72	61.84	7071	2456
7079	0	-15.72	61.84	7079	2456

XM-28 ARMAMENT SUBSYSTEM  
717000

7505	0	0.0	29.00	0	0
7550	0	0.0	29.00	0	0
8531	0	16.90	46.00	0	3456

STA 85.26 PSEUDO-BULKHEAD  
AFT TURRET ATTACH POINTS

GR ID	3533	3537	3539	3543	3547	3561	3563	3567	3569	3571	3579
0	0	0	0	0	0	0	0	0	0	0	0
456	456	456	456	456	456	456	456	456	456	456	456

STA 93.00 BULKHEAD  
209-030-102-323

GR ID	9307	9313	9317	9333	9337	9339	9341	9343	9347	9349	9361	9363	9367	9369	9371	9373	9377	9379
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456

STA 115.58 PSEUDO-BULKHEAD  
FORMER-FWD FACE OF INST. PANEL / MAIN BEAM REF PLANE INTERSECT

GR ID	11503	11507	11531	11533	11537	11539	11541	11547	11561	11563
0	0	0	0	0	0	0	0	0	0	0
3456	3456	3456	3456	3456	3456	3456	3456	3456	3456	3456

GRID	11567	0	115.58	-10.00	62.172	0	456
GRID	11569	0	115.58	-17.91	62.172	0	456
GRID	11571	0	114.04	-17.65	70.19	11571	2456
GRID	11579	0	114.04	-17.65	70.19	11579	2456
STA 138.70 BULKHEAD							
209-030-103-159							
GRID	13801	0	138.70	15.81	28.00	0	456
GRID	13803	0	138.70	10.00	27.00	0	456
GRID	13807	0	138.70	-10.00	27.00	0	456
GRID	13809	0	138.70	-15.81	28.00	0	456
GRID	13821	0	138.70	17.68	35.97	0	456
GRID	13823	0	138.70	10.00	35.97	0	456
GRID	13827	0	138.70	-10.00	35.97	0	456
GRID	13829	0	138.70	-17.68	35.97	0	456
GRID	13831	0	138.70	17.94	46.00	0	456
GRID	13833	0	138.70	10.00	46.00	0	456
GRID	13837	0	138.70	-10.00	46.00	0	456
GRID	13839	0	138.70	-17.94	46.00	0	456
GRID	13841	0	138.70	17.99	55.00	0	456
GRID	13843	0	138.70	10.00	55.00	0	1456
GRID	13847	0	138.70	-10.00	55.00	0	456
GRID	13848	0	135.29	-10.00	55.00	0	456
GRID	13849	0	135.29	-17.99	55.00	13849	456
GRID	13861	0	138.70	18.00	63.09	0	1456
GRID	13863	0	138.70	10.00	63.09	0	456
GRID	13867	0	132.25	-10.00	62.84	0	456
GRID	13869	0	132.25	-18.00	62.84	0	456
GRID	13871	0	138.70	-17.64	74.95	13871	2456
GRID	13879	0	128.37	-17.64	72.96	13879	2456

CENTER FUSELAGE SUBASSEMBLY

STA 148.50 BULKHEAD							
209-030-104-011							
GRID	14801	0	148.50	15.81	28.00	0	456
GRID	14803	0	148.50	10.00	27.00	0	456
GRID	14807	0	148.50	-10.00	27.00	0	456
GRID	14809	0	148.50	-15.81	28.00	0	456
GRID	14821	0	148.50	17.67	35.97	0	456
GRID	14823	0	148.50	10.00	35.97	0	456
GRID	14827	0	148.50	-10.00	35.97	0	456
GRID	14829	0	148.50	-17.67	35.97	0	456
GRID	14831	0	148.50	17.94	46.00	0	456
GRID	14833	0	148.50	10.00	46.00	0	456
GRID	14837	0	148.50	-10.00	46.00	0	456

GRID	14839	0	148.50	-17.94	46.00	0	456
GRID	14841	0	148.50	17.99	55.00	0	1456
GRID	14843	0	148.50	10.00	55.00	0	456
GRID	14847	0	148.50	-10.00	55.00	0	456
GRID	14849	0	148.50	-17.99	55.00	0	1456
GRID	14861	0	148.50	17.99	63.49	0	456
GRID	14863	0	148.50	10.00	63.49	0	456
GRID	14867	0	148.50	-10.00	63.49	0	456
GRID	14869	0	148.50	-17.99	63.49	0	456
GRID	14881	0	152.27	17.64	77.57	0	456
GRID	14883	0	152.27	10.00	77.57	0	456
GRID	14887	0	152.27	-10.00	77.57	0	456
GRID	14889	0	152.27	-17.64	77.57	0	456

FORWARD SKID GEAR ATTACH POINT / RIGHT SIDE

GRID	15212	0	152.45	13.50	30.34	0	0
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FORWARD SKID GEAR ATTACH POINT / LEFT SIDE

GRID	15218	0	152.45	-13.50	30.34	0	0
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STA 156.41 BULKHEAD  
209-030-105-001

GRID	15601	0	156.41	16.39	29.00	0	456
GRID	15603	0	156.41	10.00	27.00	0	456
GRID	15607	0	156.41	-10.00	27.00	0	456
GRID	15609	0	156.41	-16.39	29.00	0	456
GRID	15621	0	156.41	17.64	35.97	0	456
GRID	15623	0	156.41	11.55	35.97	0	456
GRID	15625	0	156.41	0.0	35.97	0	456
GRID	15627	0	156.41	-11.55	35.97	0	456
GRID	15629	0	156.41	-17.64	35.97	0	456
GRID	15633	0	156.41	11.55	46.00	15633	2456
GRID	15637	0	156.41	-11.55	46.00	15637	2456

STA 164.00 BULKHEAD  
209-030-106-027

GRID	16481	0	164.00	17.64	77.57	0	456
GRID	16483	0	164.00	12.375	77.57	0	3456
GRID	16485	0	164.00	0.0	77.57	0	3456
GRID	16487	0	164.00	-12.375	77.57	0	3456
GRID	16489	0	164.00	-17.64	77.57	0	456

STA 186.25 BULKHEAD  
209-030-107-009  
FORWARD WING CARRY-THRU SPAR

STA 189.94 PSEUDO-BULKHEAD



CENTERLINE OF FWD MAIN ROTOR PYLON MOUNTS									
18983	0	189.94	12.375	77.57	0	4			
18987	0	189.94	-12.375	77.57	0	4			
CENTER WING CARRY-THRU SPAR									
209-030-141									
19741	0	196.90	17.730	55.390	0	0			
19742	0	196.90	10.090	54.75	0	0			
19743	0	196.90	7.920	54.75	0	0			45
19745	0	196.90	0.0	54.75	0	0			45
19747	0	196.90	-7.920	54.75	0	0			4
19748	0	196.90	-10.090	54.75	0	0			
19749	0	196.90	-17.730	55.390	0	0			
19751	0	196.90	17.730	62.160	0	0			
19752	0	196.90	10.090	62.160	0	0			
19758	0	196.90	-10.090	62.160	0	0			
19759	0	196.90	-17.730	62.160	0	0			
19761	0	196.90	17.730	64.63	0	0			
19762	0	196.90	10.090	64.63	0	0			
19765	0	196.90	7.920	64.63	0	0			45
19765	0	196.90	0.0	64.63	0	0			45
19767	0	196.90	-7.920	64.63	0	0			4
19768	0	196.90	-10.090	64.63	0	0			
19769	0	196.90	-17.730	64.63	0	0			
STA 211.72 PSEUDO-BULKHEAD									
CENTERLINE OF AFT MAIN ROTOR PYLON MOUNTS									
21183	0	211.72	12.375	77.57	0	4			
21187	0	211.72	-12.375	77.57	0	4			
AFT FUSELAGE SUBASSEMBLY									
STA 213.94 BULKHEAD									
209-030-108-007									
AFT WING CARRY-THRU SPAR									
209-030-142									
21321	0	213.94	16.06	35.97	0	456			
21323	0	213.94	10.00	35.97	0	456			
21325	0	213.94	0.0	35.97	0	456			
21327	0	213.94	-10.00	35.97	0	456			
21329	0	213.94	-16.86	35.97	0	456			
21341	0	213.94	17.590	54.73	0	0			
21343	0	213.94	12.000	54.73	0	4			
21345	0	213.94	0.000	54.73	0	4			

GRID	21347	0	213.940	-12.000	54.78	0	4
GRID	21349	0	213.940	-17.590	54.78	0	0
GRID	21361	0	213.94	17.73	65.00	0	456
GRID	21363	0	213.94	12.375	65.00	0	6
GRID	21364	0	213.94	5.55	65.00	0	456
GRID	21366	0	213.94	-5.55	65.00	0	456
GRID	21367	0	213.94	-12.375	65.00	0	6
GRID	21369	0	213.94	-17.73	65.00	0	456
GRID	21383	0	213.94	-12.375	77.57	0	0
GRID	21387	0	213.94	-12.375	77.57	0	0

CENTERLINE OF AFT PYLON MOUNT CROSS BEAM  
209-031-344-001

GRID	21485	0	214.50	0.0	77.57	0	156
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STA 218.97 BULKHEAD  
209-030-109-005

GRID	21801	0	218.97	13.98	29.00	0	456
GRID	21803	0	218.97	8.62	27.00	0	456
GRID	21807	0	218.97	-8.62	27.00	0	456
GRID	21809	0	218.97	-13.98	29.00	0	456
GRID	21821	0	218.97	16.72	35.97	0	456
GRID	21823	0	218.97	10.00	35.97	0	456
GRID	21825	0	218.97	0.0	35.97	0	456
GRID	21827	0	218.97	-10.00	35.97	0	456
GRID	21829	0	218.97	-16.72	35.97	0	456

AFT SKID GEAR ATTACH POINT / RIGHT SIDE

GRID	22312	0	223.29	13.50	31.00	0	456
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AFT SKID GEAR ATTACH POINT / LEFT SIDE

GRID	22318	0	223.29	-13.50	31.00	0	456
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STA 227.62 BULKHEAD  
209-030-110-005

GRID	22701	0	227.62	13.42	29.00	0	456
GRID	22703	0	227.62	7.86	27.00	0	456
GRID	22707	0	227.62	-7.86	27.00	0	456
GRID	22709	0	227.62	-13.42	29.00	0	456
GRID	22721	0	227.62	16.43	35.97	0	456
GRID	22723	0	227.62	10.00	35.97	0	456
GRID	22725	0	227.62	0.0	35.97	0	456
GRID	22727	0	227.62	-10.00	35.97	0	456
GRID	22729	0	227.62	-16.43	35.97	0	456

STA 250.00 BULKHEAD		209-030-111-107	
GRID	25001	11.63	29.00
GRID	25003	17.83	27.00
GRID	25007	-5.18	27.00
GRID	25009	-11.63	29.00
GRID	25021	15.52	35.97
GRID	25025	0.00	35.97
GRID	25029	-15.52	35.97
GRID	25041	16.20	52.59
GRID	25045	0.00	52.59
GRID	25049	-16.20	52.59
GRID	25061	16.20	64.07
GRID	25065	0.00	64.07
GRID	25069	-16.20	64.07

456  
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1456  
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456

STA 268.25 BULKHEAD		209-030-112-013	
GRID	26801	7.80	28.06
GRID	26809	-5.21	28.06
GRID	26821	14.56	35.97
GRID	26825	0.00	35.97
GRID	26829	-14.56	35.97
GRID	26841	14.69	51.49
GRID	26845	0.00	51.49
GRID	26849	-14.69	51.49
GRID	26861	14.79	63.59
GRID	26865	0.00	63.59
GRID	26869	-14.79	63.59

456  
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1456  
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456

TAILBOOM JUNCTION BULKHEAD		209-030-113-001	
GRID	29905	0.00	31.67
GRID	29921	11.92	35.97
GRID	29925	0.00	35.97
GRID	29929	-11.92	35.97
GRID	29941	14.29	49.38
GRID	29945	0.00	49.38
GRID	29949	-14.29	49.38
GRID	29961	12.29	62.80
GRID	29965	0.00	62.80
GRID	29969	-12.29	62.80

456  
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1456  
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456

US 41.32 BULKHEAD

GRID	30045	299.570	0.0	49.590	0
BS		59.50	BULKHEAD		
GRID	31745	317.715	0.0	50.717	0
BS		80.44	BULKHEAD		
GRID	33845	338.614	0.0	52.015	0
BS		101.38	BULKHEAD		
GRID	35945	359.514	0.0	53.313	0
BS		122.33	BULKHEAD		
GRID	38045	380.424	0.0	54.611	0
BS		143.28	BULKHEAD		
GRID	40145	401.333	0.0	55.910	0
BS		164.23	BULKHEAD		
GRID	42245	422.243	0.0	57.209	0
BS		185.18	BULKHEAD		
GRID	44345	443.153	0.0	58.508	0
BS		194.30	BULKHEAD		
GRID	45245	452.255	0.0	59.073	0
BS		206.17	BULKHEAD		
GRID	46445	464.102	0.0	59.809	0
FS		59.06	BULKHEAD		
GRID	48045	480.23	0.0	75.40	0
FS		46.95	BULKHEAD		
GRID	48845	488.92	0.0	83.82	0
FS		34.66	BULKHEAD		
GRID	49745	497.77	0.0	92.37	0

\$				FS	22.37	BULKHEAD		
\$	GRID							
\$		0	0	506.60	0.0	100.91	0	0
\$				FS	10.08	BULKHEAD		
\$	GRID							
\$		0	0	515.43	0.0	109.46	0	0
\$				FS	0.00	BULKHEAD		
\$	GRID							
\$		0	0	520.67	0.0	118.27	0	0
\$				ELEVATOR				
\$				209-020-800				
\$	GRID							
\$		0	0	401.33	21.25	55.910	0	0
\$	GRID							
\$		0	0	401.33	20.87	55.910	0	0
\$	GRID							
\$		0	0	401.33	9.68	55.910	0	0
\$	GRID							
\$		0	0	401.33	-9.68	55.910	0	0
\$	GRID							
\$		0	0	401.33	-20.87	55.910	0	0
\$	GRID							
\$		0	0	401.33	-31.25	55.910	0	0
\$				WING / RIGHT SIDE				
\$				209-020-001				
\$				WS	19.19	RIB		
\$	GRID							
\$		0	0	186.25	19.19	65.60	0	0
\$	GRID							
\$		0	0	186.25	19.19	64.31	0	0
\$	GRID							
\$		0	0	186.25	19.19	63.12	0	0
\$	GRID							
\$		0	0	186.25	19.19	58.39	0	0
\$	GRID							
\$		0	0	186.25	19.19	57.39	0	0
\$	GRID							
\$		0	0	186.25	19.19	56.20	0	0
\$	GRID							
\$		0	0	196.90	19.19	63.04	0	0
\$	GRID							
\$		0	0	196.90	19.19	62.16	0	0
\$	GRID							
\$		0	0	196.90	19.19	61.35	0	0
\$	GRID							
\$		0	0	196.90	19.19	56.07	0	0
\$	GRID							
\$		0	0	196.90	19.19	55.39	0	0
\$	GRID							
\$		0	0	213.94	19.19	55.42	0	0
\$	GRID							
\$		0	0	213.94	19.19	54.78	0	0
\$	GRID							
\$		0	0	213.94	19.19	54.08	0	0
\$				WS	22.19	RIB		
\$	GRID							
\$		0	0	186.93	22.19	66.05	0	0
\$	GRID							
\$		0	0	186.93	22.19	64.31	0	0
\$								456

GRID	62217	0	186.93	22.19	57.39	0	0	456
GRID	62219	0	186.93	22.19	56.00	0	0	
GRID	62221	0	197.44	22.19	63.95	0	0	
GRID	62224	0	197.44	22.19	61.35	0	0	
GRID	62226	0	197.44	22.19	56.07	0	0	
GRID	62229	0	197.44	22.19	54.10	0	0	
GRID	62231	0	213.94	22.19	54.35	0	0	
GRID	62239	0	213.94	22.19	54.08	0	0	
WS				28.00 RIB				
GRID	62811	0	188.25	28.00	66.05	0		456
GRID	62815	0	188.25	28.00	56.73	0		456
GRID	62821	0	198.48	28.00	63.95	0		456
GRID	62829	0	198.48	28.00	54.79	0		456
GRID	62831	0	213.94	28.00	56.91	0		456
GRID	62839	0	213.94	28.00	54.71	0		456
WS				34.00 RIB				
GRID	63411	0	189.62	34.00	66.05	0		456
GRID	63419	0	189.62	34.00	57.49	0		456
GRID	63421	0	199.56	34.00	63.95	0		456
GRID	63429	0	199.56	34.00	55.50	0		456
GRID	63431	0	213.94	34.00	57.49	0		456
GRID	63439	0	213.94	34.00	55.36	0		456
WS				42.50 RIB				
GRID	64211	0	191.55	42.50	66.05	0		456
GRID	64219	0	191.55	42.50	58.56	0		456
GRID	64221	0	201.08	42.50	63.95	0	0	
GRID	64229	0	201.08	42.50	56.50	0	0	
GRID	64231	0	213.94	42.50	58.31	0	0	456
GRID	64239	0	213.94	42.50	56.28	0	0	456
WS				50.75 RIB				
GRID	65011	0	193.42	50.75	66.05	0		456
GRID	65019	0	193.42	50.75	59.60	0		456
GRID	65021	0	202.56	50.75	63.95	0		456
GRID	65029	0	202.56	50.75	57.48	0		456
GRID	65031	0	213.94	50.75	59.11	0		456
GRID	65039	0	213.94	50.75	57.17	0		456
WS				59.00 RIB				
GRID	65911	0	195.30	59.00	66.05	0		456
GRID	65919	0	195.30	59.00	60.64	0		456

GRID	65421	0	204.04	59.00	63.95	0	0	456
GRID	65429	0	204.04	59.00	58.45	0	0	456
GRID	65431	0	213.94	59.00	59.91	0	0	456
GRID	65939	0	213.94	59.00	58.06	0	0	456

WING / LEFT SIDE  
209-020-001

WS -19.19 RIH								
GRID	71912	0	186.25	-19.19	65.60	0	0	0
GRID	71913	0	186.25	-19.19	64.31	0	0	0
GRID	71914	0	186.25	-19.19	63.12	0	0	0
GRID	71915	0	186.25	-19.19	58.39	0	0	0
GRID	71916	0	186.25	-19.19	57.39	0	0	0
GRID	71917	0	186.25	-19.19	56.20	0	0	0
GRID	71918	0	186.25	-19.19	63.04	0	0	0
GRID	71919	0	196.90	-19.19	62.16	0	0	0
GRID	71920	0	196.90	-19.19	61.35	0	0	0
GRID	71921	0	196.90	-19.19	56.07	0	0	0
GRID	71922	0	196.90	-19.19	55.39	0	0	0
GRID	71923	0	196.90	-19.19	54.37	0	0	0
GRID	71924	0	196.90	-19.19	55.42	0	0	0
GRID	71925	0	213.94	-19.19	54.78	0	0	0
GRID	71926	0	213.94	-19.19	54.08	0	0	0
GRID	71927	0	213.94	-19.19	54.08	0	0	0
GRID	71928	0	213.94	-19.19	54.08	0	0	0
GRID	71929	0	213.94	-19.19	54.08	0	0	0
GRID	71930	0	213.94	-19.19	54.08	0	0	0

WS -22.19 RIH								
GRID	72211	0	186.93	-22.19	66.05	0	0	456
GRID	72212	0	186.93	-22.19	64.31	0	0	0
GRID	72213	0	186.93	-22.19	57.39	0	0	0
GRID	72214	0	186.93	-22.19	56.00	0	0	0
GRID	72215	0	197.44	-22.19	63.95	0	0	456
GRID	72216	0	197.44	-22.19	61.35	0	0	0
GRID	72217	0	197.44	-22.19	61.07	0	0	0
GRID	72218	0	197.44	-22.19	56.10	0	0	0
GRID	72219	0	213.94	-22.19	56.35	0	0	0
GRID	72220	0	213.94	-22.19	54.08	0	0	0
GRID	72221	0	213.94	-22.19	54.08	0	0	0
GRID	72222	0	213.94	-22.19	54.08	0	0	0
GRID	72223	0	213.94	-22.19	54.08	0	0	0
GRID	72224	0	213.94	-22.19	54.08	0	0	0

WS -28.00 RIH								
GRID	72811	0	188.25	-28.00	66.05	0	0	456
GRID	72812	0	188.25	-28.00	56.73	0	0	456
GRID	72813	0	188.25	-28.00	63.95	0	0	456
GRID	72814	0	188.25	-28.00	54.79	0	0	456
GRID	72815	0	213.94	-28.00	56.91	0	0	456
GRID	72816	0	213.94	-28.00	54.71	0	0	456

8-22



GRID	200106	0	200.00	0.0	106.00	0	0
GRID	200114	0	200.00	0.0	114.00	0	0
GRID	200121	0	200.00	0.0	121.00	0	0
GRID	200129	0	200.00	0.0	129.00	0	0
GRID	200137	0	200.00	0.0	137.00	0	0
GRID	200145	0	200.00	0.0	145.00	0	0
GRID	200153	0	200.00	0.0	152.76	0	0
GRID	200155	0	200.00	0.0	154.97	0	0
MAIN ROTOR TRANSMISSION CASE SUPPORT ASSEMBLY							
204-040-354-009							
GRID	189073	0	189.94	12.375	77.57	0	0
GRID	189077	0	189.94	-12.375	77.57	0	0
GRID	211073	0	211.72	-12.375	77.57	0	0
GRID	211077	0	211.72	-12.375	77.57	0	0
GRID	214075	0	214.50	0.0	77.57	0	0
TAIL ROTOR MAST							
204-040-402							
TAIL ROTOR GEARBOX							
204-040-012							
GRID	520018	0	520.67	1.90	118.27	0	0
GRID	520024	0	520.67	2.42	118.27	0	0
GRID	520057	0	520.67	5.69	118.27	0	0
GRID	520065	0	520.67	6.45	113.27	0	0
GRID	520068	0	520.67	6.82	118.27	0	0
GRID	520079	0	520.67	7.90	118.27	0	0
GRID	520135	0	520.67	13.47	118.27	0	0
GRID	520139	0	520.67	13.88	118.27	0	0
GRID	520152	0	520.67	15.19	118.27	0	0
GRID	520185	0	520.67	18.488	118.27	0	0
SKID LANDING GEAR							
209-050-002							
GRID	211002	0	110.20	40.00	7.35	0	0
GRID	214902	0	149.63	40.00	7.35	0	0
GRID	222002	0	220.37	40.00	7.35	0	0
GRID	223402	0	234.92	40.00	7.35	0	0
GRID	215102	0	151.85	29.00	26.00	0	0
GRID	215202	0	152.45	13.50	30.34	0	0
GRID	222202	0	222.29	13.50	26.00	0	0
GRID	222302	0	223.29	13.50	31.00	0	0
GRID	211001	0	110.20	-40.00	7.35	0	0
GRID	214901	0	149.63	-40.00	7.35	0	0
GRID	222001	0	220.37	-40.00	7.35	0	0
GRID	223401	0	234.92	-40.00	7.35	0	0





SE	14843	115	14869	153	14861	126
SE	14865	118	14889	129	14881	128
SE	15213	150	15601	130	15212	141
SE	15609	161	15621	137	15625	178
SE	15627	160	15629	136	15637	143
SE	16481	163	16483	133	16487	154
SE	16489	167	17100	135	18601	169
SE	18607	191	18627	138	18623	183
SE	18625	219	18635	170	18631	173
SE	18633	182	18642	175	18639	145
SE	18641	146	18646	200	18644	156
SE	18645	230	18651	181	18648	228
SE	18649	155	18655	199	18653	196
SE	18659	157	18661	188	18667	202
SE	18664	158	18666	191	18663	211
SE	18668	206	18689	150	18683	215
SE	18987	213	19741	164	18983	256
SE	19745	258	19752	168	19749	279
SE	19751	337	19769	233	19759	198
SE	19767	189	21321	247	19763	203
SE	21187	297	21327	280	21185	338
SE	21325	307	21334	205	21343	305
SE	21333	222	21364	236	21367	221
SE	21369	261	21387	225	21365	235
SE	21801	281	21823	311	21485	269
SE	21821	248	22707	185	21827	368
SE	22703	239	22712	267	22701	264
SE	22723	275	25021	266	22721	285
SE	25009	288	25025	312	25029	270
SE	25041	237	25049	309	26809	313
SE	25065	283	26821	274	26865	282
SE	26821	319	29945	362	29925	342
SE	26869	343	29961	341	29949	328
SE	29929	373	33845	376	30045	375
SE	31745	321	40148	408	40145	371
SE	40141	374	46445	370	42245	407
SE	40147	429	49745	458	50645	462
SE	44345	473	61912	465		464
SE	51545	468		474		479
SE		484		482		483
SE				194		243

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 END  
 GRID POINT RESEQUENCING (SEQGP CARDS)  
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## BEGIN

545  
5759.9 LB  
S10N WEIGH

[illegible]

933331  
933331  
933331  
946637  
946639  
946641  
946649  
946661  
946663  
961237  
961313  
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961437  
961449  
961613  
961637  
961679  
961699  
961711  
961779  
970313  
970337  
970377  
970399  
970433  
970477  
970613  
970637

[illegible]

CUMM2	97069	7069	2.574
CUMM2	97071	7071	2.918
CUMM2	97079	7079	1.882
CUMM2	98531	8531	2.399
CUMM2	98533	8533	10.570
CUMM2	98537	8537	9.554
CUMM2	98539	8539	2.405
CUMM2	98545	8545	9.724
CUMM2	98547	8547	8.931
CUMM2	98561	8561	4.317
CUMM2	98563	8563	22.136
CUMM2	98567	8567	24.118
CUMM2	98569	8569	5.718
CUMM2	98571	8571	6.222
CUMM2	98575	8579	8.08
CUMM2	99303	9303	3.970
CUMM2	99307	9307	3.957
CUMM2	99315	9315	8.087
CUMM2	99317	9317	8.088
CUMM2	99331	9331	3.170
CUMM2	99333	9333	13.973
CUMM2	99337	9337	13.744
CUMM2	99339	9339	3.147
CUMM2	99341	9341	2.554
CUMM2	99343	9343	11.083
CUMM2	99347	9347	10.663
CUMM2	99349	9349	2.147
CUMM2	99361	9361	2.380
CUMM2	99363	9363	8.351
CUMM2	99367	9367	9.072
CUMM2	99369	9369	2.335
CUMM2	99371	9371	6.911
CUMM2	99373	9373	49.161
CUMM2	99377	9377	54.894
CUMM2	99379	9379	12.037
CUMM2	101507	11507	9.083
CUMM2	101509	11509	9.128
CUMM2	101531	11531	5.859
CUMM2	101533	11533	19.722
CUMM2	101537	11537	21.508
CUMM2	101539	11539	7.873
CUMM2	101543	11543	14.344
CUMM2	101547	11547	14.791
CUMM2	101561	11561	19.470
CUMM2	101563	11563	21.696
CUMM2	101567	11567	18.917
CUMM2	101569	11569	5.538
CUMM2	101571	11571	8.826
CUMM2	101579	11579	8.826

1.1138  
1.51052  
5.0512  
1.5127  
5.5708  
5.1656  
1.3656  
13.6626  
16.1887  
1.72530  
9.4869  
4.0189  
9.6694  
40.571  
114.371  
16.3228  
11.0957  
14.0222  
1.0980  
17.770  
8.2254  
2.4886  
14.338  
115.566  
5.5912  
17.832  
15.932  
5.066  
336.138  
36.847  
17.145  
18.626  
17.186  
15.338  
1.6578

[illegible]

103801  
103803  
103804  
103807  
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104881  
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104887  
104889  
105601  
105603





13.016	18662	108660	CONM 2
18.161	18667	108666	CONM 2
7.302	18668	108667	CONM 2
2.013	18669	108668	CONM 2
1.998	18681	108681	CONM 2
8.993	18683	108683	CONM 2
32.323	18685	108685	CONM 2
60.285	18687	108687	CONM 2
27.604	18689	108689	CONM 2
9.346	19741	109741	CONM 2
2.346	19742	109742	CONM 2
4.409	19743	109743	CONM 2
5.156	19745	109745	CONM 2
11.232	19747	109747	CONM 2
14.231	19748	109748	CONM 2
3.642	19749	109749	CONM 2
2.757	19751	109751	CONM 2
2.133	19752	109752	CONM 2
5.995	19758	109758	CONM 2
3.844	19759	109759	CONM 2
2.221	19761	109761	CONM 2
4.633	19762	109762	CONM 2
12.896	19763	109763	CONM 2
14.155	19765	109765	CONM 2
3.600	19767	109767	CONM 2
2.303	19768	109768	CONM 2
6.659	19769	109769	CONM 2
9.994	21321	111321	CONM 2
20.033	21323	111323	CONM 2
18.946	21325	111325	CONM 2
17.634	21327	111327	CONM 2
4.530	21329	111329	CONM 2
5.867	21341	111341	CONM 2
11.713	21343	111343	CONM 2
4.666	21345	111345	CONM 2
17.858	21347	111347	CONM 2
23.001	21349	111349	CONM 2
27.406	21361	111361	CONM 2
21.681	21363	111363	CONM 2
48.827	21364	111364	CONM 2
4.371	21366	111366	CONM 2
1.894	21369	111369	CONM 2
3.639	21387	111387	CONM 2
3.893	21801	111801	CONM 2
	21803	111803	CONM 2
	21807	111807	CONM 2

CONM2	111809	21309	1.953
CONM2	111821	21821	5.997
CONM2	111823	21823	7.189
CONM2	111825	21825	10.613
CONM2	111827	21827	7.871
CONM2	111829	21829	6.220
CONM2	111831	22701	2.043
CONM2	1112703	22703	3.691
CONM2	1112707	22707	3.687
CONM2	1112709	22709	3.998
CONM2	1112721	22721	1.817
CONM2	1112723	22723	7.922
CONM2	1112725	22725	11.296
CONM2	1112727	22727	15.259
CONM2	1112729	22729	12.589
CONM2	1115001	25001	7.921
CONM2	1115003	25003	1.933
CONM2	1115007	25007	2.006
CONM2	1115009	25009	3.526
CONM2	1115021	25021	1.526
CONM2	1115025	25025	6.318
CONM2	1115029	25029	12.767
CONM2	1115041	25041	6.632
CONM2	1115045	25045	10.475
CONM2	1115049	25049	22.769
CONM2	1115061	25061	10.010
CONM2	1115065	25065	25.414
CONM2	1115069	25069	56.155
CONM2	1116801	26801	31.959
CONM2	1116809	26809	2.583
CONM2	1116821	26821	2.896
CONM2	1116825	26825	7.919
CONM2	1116829	26829	7.919
CONM2	1116841	26841	26.633
CONM2	1116845	26845	16.380
CONM2	1116849	26849	17.840
CONM2	1116861	26861	17.307
CONM2	1116865	26865	18.427
CONM2	1116869	26869	17.663
CONM2	1119905	29905	37.880
CONM2	1119921	29921	17.941
CONM2	1119925	29925	2.139
CONM2	1119929	29929	8.430
CONM2	1119941	29941	22.915
CONM2	1119945	29945	13.202
CONM2	1119949	29949	10.447
CONM2	1119961	29961	27.421
CONM2	1119965	29965	15.273
CONM2	1119969	29969	10.173
CONM2	1119969	29969	21.300
CONM2	1119969	29969	10.763

[illegible]



COMM 2	1622229	722229	1.522
COMM 2	1622231	722231	1.141
COMM 2	1622237	722237	1.1874
COMM 2	1622219	722219	0.400
COMM 2	1622819	722819	0.381
COMM 2	1622821	722821	0.960
COMM 2	1622829	722829	1.111
COMM 2	1622831	722831	1.904
COMM 2	1622839	722839	1.798
COMM 2	163411	73411	0.6125
COMM 2	163419	73419	0.599
COMM 2	163421	73421	1.323
COMM 2	163429	73429	2.041
COMM 2	163431	73431	2.881
COMM 2	163439	73439	1.144
COMM 2	164211	74211	1.118
COMM 2	164219	74219	2.314
COMM 2	164221	74221	3.090
COMM 2	164229	74229	3.275
COMM 2	164231	74231	3.561
COMM 2	164239	74239	1.243
COMM 2	165011	75011	1.382
COMM 2	165019	75019	2.037
COMM 2	165021	75021	1.737
COMM 2	165029	75029	2.148
COMM 2	165031	75031	0.796
COMM 2	165039	75039	0.790
COMM 2	165911	75911	0.693
COMM 2	165919	75919	0.967
COMM 2	165921	75921	1.009
COMM 2	165929	75929	1.298
COMM 2	165931	75931	0.517
COMM 2	165939	75939	0.509
COMM 2	301002	211002	4.953
COMM 2	304902	214902	13.024
COMM 2	312002	222002	16.744
COMM 2	313402	223402	5.148
COMM 2	305102	215102	3.158
COMM 2	312202	222202	0.961
COMM 2	312302	222302	6.554
COMM 2	301001	211001	1.635
COMM 2	304901	214901	14.953
COMM 2	312301	222301	13.024
COMM 2	313401	223401	16.744
COMM 2	305101	215101	5.148
COMM 2	305201	215201	3.176
COMM 2			0.952

CONM2	312201	222201	6.554
CONM2	312304	222301	1.619
CONM2	290070	200070	34.465
CONM2	290073	200078	22.740
CONM2	290079	200079	51.048
CONM2	290080	200086	60.052
CONM2	290087	200087	60.052
CONM2	290095	200095	64.933
CONM2	290096	200096	64.933
CONM2	290101	200101	57.277
CONM2	290106	200106	47.013
CONM2	290114	200114	66.626
CONM2	290121	200121	54.350
CONM2	290129	200129	13.810
CONM2	290137	200137	9.253
CONM2	290145	200145	12.065
CONM2	290153	200153	5.852
CONM2	390153	200153	458.000
CONM2	490153	200153	489.500
CONM2	290155	200155	6.124
CONM2	610018	520018	5.662
CONM2	610024	520024	5.537
CONM2	610057	520057	4.420
CONM2	610065	520065	0.0
CONM2	610068	520068	0.819
CONM2	610079	520079	4.374
CONM2	610132	520135	1.007
CONM2	610139	520139	0.245
CONM2	710139	520139	16.500
CONM2	610152	520152	0.568
CONM2	610152	520152	14.300
CONM2	610185	520185	1.583

MR BLADE  
MR HUB

TR HUB  
TR BLADE

# XM-28 WEAPONS INSTALLATION

FLUID  
TURRET  
CLOSURE  
TUB STOP  
LAUNCHER  
G/8 MOTOR  
M/T GUN  
CABLE  
GEARBOX  
MOTOR  
FEEDTRAY

CONM2	97505	7505	1.000
CONM2	97506	7505	124.500
CONM2	97507	7505	2.300
CONM2	97508	7505	2.300
CONM2	97509	7505	0.100
CONM2	97510	7505	40.800
CONM2	97511	7505	10.300
CONM2	97512	7505	9.100
CONM2	97513	7505	48.300
CONM2	97514	7505	1.000
CONM2	97515	7505	1.500
CONM2	97516	7505	7.700
CONM2	97517	7505	4.500

# ENGINE AND ENGINE-SUPPORTED WEIGHT ITEMS

ENGINE  
STARTER  
RESERVOIR  
1/2 DS  
TACHOMETER

9.43+4

530.000  
48.000  
5.000  
1.550  
0.800

124800  
1.10+5  
124800  
124800  
124800

124800  
1.78+4  
124800  
124800  
124800  
124800

CONM2  
ENGINE  
CONM2  
CONM2  
CONM2  
CONM2

## BASIC MISSION CONFIGURATION USEFUL LOADS 3173.1 LB

### GUNNER CG

2014 1.0  
2014 1.0  
2014 1.0  
2014 1.0  
200.000

7033 08300  
7037 08300  
9333 08300  
9337 08300  
08300

0020081  
0020082  
0020083  
0020084  
908300

CONROD  
CONROD  
CONROD  
CONROD  
CONM2

## 40MM DRUM/PALLET AND GRENADES (250 ROUNDS)

2014 1.0  
2014 1.0  
2014 1.0  
2014 1.0  
75.00  
190.000

9313 11300  
9317 11300  
13803 11300  
13807 11300  
11300  
11300

0150151  
0150152  
0150153  
0150154  
911300  
1011300

CONROD  
CONROD  
CONROD  
CONROD  
CONM2  
CONM2

## 7.62MM MAMEE DRUM AND AMMO (4000 ROUNDS)

2014 1.0  
2014 1.0  
2014 1.0  
2014 1.0  
63.300  
260.000

9313 11700  
9317 11700  
13803 11700  
13807 11700  
11700  
11700

0150201  
0150202  
0150203  
0150204  
1011700  
1111700

CONROD  
CONROD  
CONROD  
CONROD  
CONM2  
CONM2

### PILOT CG

2014 1.0  
2014 1.0  
2014 1.0  
200.000

14843 13500  
14847 13500  
14883 13500  
14887 13500  
13500

0010091  
0010092  
0010093  
0010094  
913500

CONROD  
CONROD  
CONROD  
CONROD  
CONM2



ACCOUNT	DATE	DESCRIPTION	AMOUNT	CREDIT	DEBIT	BALANCE	ACCOUNT	DATE	DESCRIPTION	AMOUNT	CREDIT	DEBIT	BALANCE
0031071	14823	17100					0031071	14823	17100				
0031072	14827	17100					0031072	14827	17100				
0031073	18621	17100					0031073	18621	17100				
0031074	18629	17100					0031074	18629	17100				
0031075	17100	17100					0031075	17100	17100				
0031076	17100	17100					0031076	17100	17100				
0031077	17100	17100					0031077	17100	17100				
0031078	17100	17100					0031078	17100	17100				
0031079	17100	17100					0031079	17100	17100				
0031080	17100	17100					0031080	17100	17100				
0031081	21321	23100					0031081	21321	23100				
0031082	21329	23100					0031082	21329	23100				
0031083	25021	23100					0031083	25021	23100				
0031084	25029	23100					0031084	25029	23100				
0031085	23100	23100					0031085	23100	23100				
0031086	23100	23100					0031086	23100	23100				
0031087	23100	23100					0031087	23100	23100				
0031088	23100	23100					0031088	23100	23100				
0031089	23100	23100					0031089	23100	23100				
0031090	23100	23100					0031090	23100	23100				
0031091	23100	23100					0031091	23100	23100				
0031092	23100	23100					0031092	23100	23100				
0031093	23100	23100					0031093	23100	23100				
0031094	23100	23100					0031094	23100	23100				
0031095	23100	23100					0031095	23100	23100				
0031096	23100	23100					0031096	23100	23100				
0031097	23100	23100					0031097	23100	23100				
0031098	23100	23100					0031098	23100	23100				
0031099	23100	23100					0031099	23100	23100				
0031100	23100	23100					0031100	23100	23100				
0031101	23100	23100					0031101	23100	23100				
0031102	23100	23100					0031102	23100	23100				
0031103	23100	23100					0031103	23100	23100				
0031104	23100	23100					0031104	23100	23100				



OMIT	8531	12
OMIT	8534	12
OMIT	8543	1
OMIT	8547	1
OMIT	8561	123
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OMIT	9349	23
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OMIT	9373	23
OMIT	9377	123
OMIT	9379	123
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OMIT	11507	12
OMIT	11531	12
OMIT	11533	23
OMIT	11537	13
OMIT	11539	12
OMIT	11543	12
OMIT	11547	12
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OMIT	11569	123
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OMIT	11579	13
OMIT	13801	123
OMIT	13803	123
OMIT	13807	123
OMIT	13809	123
OMIT	13821	12

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UMI I	13827	123
UMI I	13829	123
UMI I	13831	123
UMI I	13833	12
UMI I	13837	123
UMI I	13839	123
UMI I	13841	123
UMI I	13843	13
UMI I	13847	123
UMI I	13848	123
UMI I	13849	123
UMI I	13861	123
UMI I	13863	123
UMI I	13867	123
UMI I	13869	123
UMI I	13871	13
UMI I	13879	13
UMI I	14801	123
UMI I	14809	123
UMI I	14821	123
UMI I	14829	123
UMI I	14831	123
UMI I	14833	123
UMI I	14837	123
UMI I	14839	123
UMI I	14841	123
UMI I	14843	123
UMI I	14847	123
UMI I	14849	123
UMI I	14861	123
UMI I	14867	12
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UMI I	14881	123
UMI I	14883	123
UMI I	14887	123
UMI I	14889	123
UMI I	15212	456
UMI I	15218	456
UMI I	15601	123
UMI I	15609	123
UMI I	15621	123
UMI I	15629	123
UMI I	15633	13
UMI I	15637	13
UMI I	16481	123
UMI I	16483	12
UMI I	16485	12
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UMIT	18601	123
UMIT	18603	123
UMIT	18607	123
UMIT	18609	123
UMIT	18621	123
UMIT	18623	123
UMIT	18625	123
UMIT	18627	123
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UMIT	18633	23
UMIT	18635	23
UMIT	18637	23
UMIT	18639	123
UMIT	18641	12356
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UMIT	18643	12356
UMIT	18644	1236
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UMIT	18646	1236
UMIT	18647	12356
UMIT	18648	23456
UMIT	18649	12456
UMIT	18651	123456
UMIT	18652	123456
UMIT	18653	23456
UMIT	18654	123456
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UMIT	18667	123456
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UMIT	18669	123456
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UMIT	18687	1245
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UMIT	18983	12356
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UMIT	19741	123456

8-44

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OMIT	22721	123
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OMIT	22727	123
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OMIT	62221	123
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OMIT	72224	123



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OMIT	73439	123
OMIT	64211	123
OMIT	74211	123
OMIT	64219	12
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OMIT	65021	123
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OMIT	65939	12
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OMIT	211002	123456
OMIT	211901	456
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OMIT	222002	456
OMIT	222201	123456
OMIT	222202	123456
OMIT	222301	123456
OMIT	222302	123456
OMIT	2223401	123456
OMIT	2223402	123456
OMIT	520018	123456



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[illegible]

CONC	1290945	8533	8543	7075	0.181	7063
CSHEAR	129204	0257075	7043	8543	8563	
CONC	1290923	7043	8543	7075	0.123	
CONC	1290924	7063	8563	7075	0.037	
CONC	1290932	7043	7063	7075	0.181	
CONC	1290934	8543	8563	7075	0.181	8543
CONC	1292094	0257075	8533	9333	9343	
CONC	1290941	8533	9333	7075	0.073	
CONC	1290942	8543	9343	7075	0.130	
CONC	1290951	8533	8543	7075	0.123	
CONC	1290953	9333	9343	7075	0.123	
CSHEAR	1292095	0257075	8543	9343	9363	8563
CONC	1290943	8543	9343	7075	0.130	
CONC	1290944	8563	9363	7075	0.035	
CONC	1290952	8543	8563	7075	0.123	
CONC	1290954	9343	9363	7075	0.123	
INTERIOR SKIN						ALUMINUM
CONC	1290411	0167075	7033	8533	8543	7043
CONC	1294121	7033	8533	7075	0.011	
CONC	1294122	7043	8543	7075	0.057	
CONC	1294131	7033	7043	7075	0.116	
CONC	1294133	8533	8543	7075	0.116	7063
CSHEAR	1290412	0167075	7043	8543	8563	
CONC	1294123	7043	8543	7075	0.057	
CONC	1294124	7063	8563	7075	0.001	
CONC	1294132	7043	7063	7075	0.116	
CONC	1294134	8543	8563	7075	0.116	
INTERIOR SKIN						ALUMINUM
CONC	1291591	0167075	7033	8533	8543	7043
CONC	1295901	7033	8533	7075	0.024	
CONC	1295902	7043	8543	7075	0.071	
CONC	1295911	7033	7043	7075	0.116	
CONC	1295913	8533	8543	7075	0.116	7063
CSHEAR	1291592	0167075	7043	8543	8563	
CONC	1295903	7043	8543	7075	0.071	
CONC	1295904	7063	8563	7075	0.001	
CONC	1295912	7043	7063	7075	0.116	
CONC	1295914	8543	8563	7075	0.116	
OUTER SKIN						ALUMINUM
CONC	1291831	0167075	6133	7033	7043	6143
CONC	1298301	6133	7033	7075	0.026	
CONC	1298302	6143	7043	7075	0.071	
CONC	1298311	6133	6143	7075	0.065	
CONC	1298313	7033	7043	7075	0.065	6163
CSHEAR	1291832	0167075	6143	7043	7063	
CONC	1298303	6143	7043	7075	0.071	
CONC	1298304	6163	7063	7075	0.003	
CONC	1298312	6143	6163	7075	0.065	
CONC	1298314	7043	7063	7075	0.065	

CSHEAR	1291833	0167075	7033	8533	8543	7043
CONROD	1298321	7033	8533	7075	0.028	
CONROD	1298322	7043	8543	7075	0.074	
CONROD	1298331	7033	7043	7075	0.116	
CONROD	1298333	8533	8543	7075	0.116	
CSHEAR	1291834	0167075	7043	8543	8563	7063
CONROD	1298323	7043	8543	7075	0.074	
CONROD	1298324	7063	8563	7075	0.003	
CONROD	1298332	7043	7063	7075	0.116	
CONROD	1298334	8543	8563	7075	0.116	
CSHEAR	1291835	0167075	8533	9333	9343	8543
CONROD	1298341	8533	9333	7075	0.033	
CONROD	1298342	8543	9343	7075	0.079	
CONROD	1298351	8533	8543	7075	0.062	
CONROD	1298353	9333	9343	7075	0.062	
CSHEAR	1291836	0167075	8543	9343	9363	8553
CONROD	1298343	8543	9343	7075	0.079	
CONROD	1298344	8563	9363	7075	0.007	
CONROD	1298352	8543	8563	7075	0.062	
CONROD	1298354	9343	9363	7075	0.062	
MAIN BEAM WER / RIGHT-HAND SIDE						
209-030-129-207						
STA 93.00 TO STA 138.70						
ALUMINUM						
CONROD	1290234	9363	11563	7075	0.024	
CONROD	1290235	11563	13863	7075	0.024	
CONROD	1290331	9343	11543	7075	0.090	
CONROD	1291971	11533	13833	7075	0.044	
CONROD	1290254	9333	11533	7075	0.046	
CONROD	1291972	11543	13843	7075	0.090	
CONROD	1290273	9333	9343	7075	0.043	
CONROD	1290274	9343	9363	7075	0.043	
CONROD	1291373	13833	13843	7075	0.054	
CONROD	1291374	13843	13863	7075	0.054	
INNER SKIN	209-030-129-209	0257075	025	025	0.054	
CSHEAR	1292096	0257075	9333	11533	11543	9343
CONROD	1290961	9333	11533	7075	0.079	
CONROD	1290962	9343	11543	7075	0.134	
CONROD	1290971	9333	9343	7075	0.256	
CONROD	1290973	11533	11543	7075	0.256	
CSHEAR	1292097	0257075	9343	11543	11563	9363
CONROD	1290963	9343	11543	7075	0.134	
CONROD	1290964	9363	11563	7075	0.042	
CONROD	1290972	9343	9363	7075	0.256	
CONROD	1290974	11543	11563	7075	0.256	
CSHEAR	1292098	0257075	11533	13833	13843	115+3
CONROD	1290981	11533	13833	7075	0.077	

		MAIN BEAM WEB / RIGHT-HAND SIDE			
		209-030-129-207			
		STA 138.70 TO STA 148.50			
CONROD	1290985	11543	13843	7075	0.140
CONROD	1290995	11543	11543	7075	0.289
CSHEAR	1290995	11543	13843	7075	13863
CONROD	1290984	11543	11543	13843	0.140
CONROD	1290984	11543	13843	7075	0.054
CONROD	1290994	11543	11543	7075	0.289
CONROD	1290990	13843	13863	7075	0.289
CSHEAR	1291491	209-030-129-149	016	11533	ALUMINUM
CONROD	1294901	0167075	9333	11533	9343
CONROD	1294902	9333	11533	7075	0.030
CONROD	1294911	9333	11543	7075	0.080
CONROD	1294913	11533	9333	7075	0.155
CSHEAR	1291492	0167075	11543	7075	0.155
CONROD	1294903	9333	9343	11543	11563
CONROD	1294904	9363	11543	7075	0.080
CONROD	1294912	9343	11563	7075	0.007
CONROD	1294914	11543	9363	7075	0.155
CSHEAR	1291493	0167075	11563	7075	0.155
CONROD	1294921	11533	11533	13833	13843
CONROD	1294922	11543	13833	7075	0.028
CONROD	1294931	11533	13843	7075	0.084
CONROD	1294933	13833	11543	7075	0.176
CSHEAR	1291494	0167075	11543	13843	13863
CONROD	1294923	11543	13843	7075	0.084
CONROD	1294932	11563	13863	7075	0.014
CONROD	1294934	11543	11563	7075	0.176
CONROD	1294934	13843	13863	7075	0.176
DOUBLERS					
CONROD	1291985	13863	14863	7075	0.075
CONROD	1291984	13843	14843	7075	0.163
CONROD	1291273	13833	14833	7075	0.084
CONROD	1291274	13833	13843	7075	0.044
CONROD	1291986	13843	13863	7075	0.087
CONROD	1291275	14833	14843	7075	0.036
CONROD	1291987	14843	14863	7075	0.083
CSHEAR	1292101	209-030-129-209	025	14803	ALUMINUM
CONROD	1291001	0257075	13803	14823	13823
CONROD	1291002	13803	14803	7075	0.056
CONROD	1291011	13823	14823	7075	0.158
CONROD	1291015	13803	13823	7075	0.120
CSHEAR	1292102	0257075	14803	14823	13833



CUNROD	1291003	13823	14823	7075	0.158	
CUNROD	1291004	13823	14823	7075	0.088	
CUNROD	1291012	13823	13833	7075	0.120	
CUNROD	1291016	14823	14833	7075	0.120	13843
CSHEAR	1292103	0257075	13833	14833	14843	
CUNROD	1291005	13833	14833	7075	0.078	
CUNROD	1291006	13843	14843	7075	0.144	
CUNROD	1291013	13833	13843	7075	0.120	
CUNROD	1291017	14833	14843	7075	0.120	
CUNROD	1292104	0257075	13843	14843	14863	13863
CSHEAR	1291007	13843	13843	7075	0.144	
CUNROD	1291008	13863	14863	7075	0.063	
CUNROD	1291014	13843	13863	7075	0.120	
CUNROD	1291018	14843	14863	7075	0.120	
INTERIOR SKIN	209-030-129-197	0407075	14863	7075	0.120	
CSHEAR	1291981	0407075	13803	14803	0.040	ALUMI NUM
CUNROD	1299801	13803	14803	7075	14823	13823
CUNROD	1299802	13823	14823	7075	0.167	
CUNROD	1299811	13803	13823	7075	0.167	
CUNROD	1299814	13803	13823	7075	0.191	
CSHEAR	1291982	0407075	13823	14823	0.191	13833
CUNROD	1299803	13823	14823	7075	14833	
CUNROD	1299804	13833	14833	7075	0.201	
CUNROD	1299812	13823	14833	7075	0.201	
CUNROD	1299815	14823	14833	7075	0.191	
CSHEAR	1291983	0407075	13833	14833	0.191	13843
CUNROD	1299805	13843	14843	7075	14843	
CUNROD	1299813	13833	14843	7075	0.142	
CUNROD	1299816	14833	14843	7075	0.191	
OUTER SKIN	209-030-129-127	0207075	14843	7075	0.191	
CSHEAR	1291271	0207075	13803	14803	0.020	ALUMI NUM
CUNROD	1292701	13803	14803	7075	14823	13823
CUNROD	1292702	13823	14823	7075	0.047	
CUNROD	1292711	13803	13823	7075	0.122	
CUNROD	1292713	14803	14823	7075	0.096	
CSHEAR	1291272	0207075	13823	14823	0.096	13833
CUNROD	1292703	13823	14823	7075	14833	
CUNROD	1292704	13833	14833	7075	0.122	
CUNROD	1292712	13823	14833	7075	0.034	
CUNROD	1292714	14823	14833	7075	0.096	
OUTER SKIN	209-030-129-017	0167075	14833	7075	0.096	
CSHEAR	1291711	0167075	13843	14843	0.016	ALUMI NUM
CUNROD	1291701	13843	14843	7075	14863	13863
CUNROD	1291702	13863	14863	7075	0.035	
CUNROD	1291703	13843	13863	7075	0.035	
CUNROD	1291704	14843	14863	7075	0.055	
OUTER SKIN	209-030-129-019	0167075	14863	7075	0.055	
CSHEAR	1290191	0167075	13833	14833	0.016	ALUMI NUM
					14843	13843

[illegible]

MAIN BEAM WEB / RIGHT-HAND SIDE  
209-030-137-032  
STA 186.25 TO STA 213.94

[illegible]

CTRMEV	1200072	0200070	21321	22721	21341	21341
CSHEAR	1200073	0200070	22721	25021	25041	25041
CUNROD	1200701	22721	25021	0076	0.131	
CUNROD	1200702	21341	21341	0076	0.203	
CUNROD	1200711	22721	25041	0076	0.292	
CUNROD	1200713	25021	25041	0076	0.292	
CSHEAR	1200074	0200070	21341	25041	25061	21361
CUNROD	1200703	21341	25041	0076	0.203	
CUNROD	1200704	21361	25061	0076	0.034	
CUNROD	1200712	21341	21361	0076	0.361	
CUNROD	1200714	25041	25061	0076	0.361	
\$	INTERIOR SKIN	209-030-120-013	25061	0076	0.32	TITANIUM
CTRMEV	1200131	0329046	21321	21821	21341	
CTRMEV	1200132	0329046	21821	22721	21341	
\$	OUTER SKIN	209-030-120-011	25061	0076	0.16	TITANIUM
CTRMEV	1200111	0167046	21321	21821	21341	
CTRMEV	1200112	0169046	21821	22721	21341	
CSHEAR	1200113	0169046	22721	25021	25041	21341
CUNROD	1201101	22721	25021	9046	0.102	
CUNROD	1201102	21341	25041	9046	0.162	
CUNROD	1201111	22721	21341	9046	0.234	
CUNROD	1201113	25021	25041	9046	0.234	
CSHEAR	1200114	0169046	21341	25041	25061	21361
CUNROD	1201103	21341	25041	9046	0.162	
CUNROD	1201104	21361	25061	9046	0.027	
CUNROD	1201112	21341	21361	9046	0.284	
CUNROD	1201114	25041	25061	9046	0.284	
\$						
\$						
\$						
\$						
\$						
\$	INNER SKIN	209-030-118-071	25021	26821	26841	ALUMINUM 25041
CSHEAR	1180711	0082024	25021	26821	26841	26841
CUNROD	1187101	25021	26821	2024	0.034	
CUNROD	1187102	25041	26841	2024	0.074	
CUNROD	1187111	25021	25041	2024	0.061	
CUNROD	1187113	26821	26841	2024	0.061	
CSHEAR	1180712	0082024	25041	26841	26861	25061
CUNROD	1187103	25041	26841	2024	0.074	
CUNROD	1187104	25061	26861	2024	0.011	
CUNROD	1187112	25041	25061	2024	0.061	
CUNROD	1187114	26841	26861	2024	0.061	
\$	INNER SKIN	209-030-118-045	26841	2024	0.061	ALUMINUM 26841
CSHEAR	1180451	0082024	26821	29921	29941	29941
CUNROD	1184501	26321	29921	2024	0.023	
CUNROD	1184502	26841	29941	2024	0.069	
CUNROD	1184511	26821	26841	2024	0.118	
CUNROD	1184513	29921	29941	2024	0.118	

MAIN BEAM WEB / RIGHT-HAND SIDE  
209-030-118-063  
STA 250.00 TO BS 41.32

COMPONENT	ITEM NO.	QTY	UNIT	PRICE	TOTAL
CSHEAR	1180452	29941	29961	20461	
CONROD	1184503	2024	0.069		
CONROD	1184504	2024	0.017		
CONROD	1184505	2024	0.113		
CONROD	1184511	2024	0.113		
OUTER SKIN	209-030-118-069	071	ALUMINUM	25041	
CSHEAR	1180691	26821	26841		
CONROD	1186901	25021	0.415		
CONROD	1186902	25041	0.676		
CONROD	1186911	25021	0.646		
CONROD	1186913	26821	0.646		
CSHEAR	1180692	0717075	26861	25061	
CONROD	1186903	25041	0.676		
CONROD	1186904	25061	0.209		
CONROD	1186912	25041	0.646		
CONROD	1186914	26841	0.646		
CSHEAR	1180693	0717075	29921	26841	
CONROD	1186921	26821	0.356		
CONROD	1186922	26841	0.649		
CONROD	1186931	26821	1.109		
CONROD	1186933	29921	1.109		
CSHEAR	1180694	0717075	29941	26861	
CONROD	1186923	26841	0.649		
CONROD	1186924	26861	0.276		
CONROD	1186932	26841	1.109		
CONROD	1186934	29941	1.109		

SIDE PANELS AND FRAMES / RIGHT SIDE  
STA 61.25 TO STA 186.25

COMPONENT	ITEM NO.	QTY	UNIT	PRICE	TOTAL
CONROD	5003111	6161	7071		
CONROD	5003112	7071	8571		
CONROD	5003113	8571	9371		
CONROD	5003114	9371	11571		
CONROD	5003115	11571	13871		
CONROD	5003116	13871	14881		
CANOPY FRAME	209-030-500-309	7075	0.234		
		7075	0.230		
		7075	0.227		
		7075	0.213		
		7075	0.201		
		7075	0.200		
SKIN	209-030-179-161	7071	7061		
		7071	8571		
		2024	0.040		
		2024	0.040		
		2024	0.232		

CUNROD	1796104	8551	4571	2024	0.232	9361
CSHEAR	1791613	0322024	9501	8571	9371	
CUNROD	1796111	8561	9301	2024	0.072	
CUNROD	1796112	8571	9371	2024	0.072	
CUNROD	1796113	8501	8571	2024	0.202	
CUNROD	1796114	9361	9371	2024	0.202	
CSHEAR	1791614	0322024	9361	9371	11571	11561
CUNROD	1796121	9351	11561	2024	0.102	
CUNROD	1796122	9371	11571	2024	0.102	
CUNROD	1796123	9361	9371	2024	0.270	
CUNROD	1796124	11501	11571	2024	0.270	
CSHEAR	1791615	0322024	11501	11571	13871	13861
CUNROD	1796131	11561	13861	2024	0.140	
CUNROD	1796132	11571	13871	2024	0.140	
CUNROD	1796133	11501	11571	2024	0.382	
CUNROD	1796134	13801	13871	2024	0.382	
CSHEAR	1791616	0322024	13801	13871	14881	14361
CUNROD	1796141	14801	14801	2024	0.195	
CUNROD	1796142	13871	14801	2024	0.195	
CUNROD	1796143	13861	13871	2024	0.187	
CUNROD	1796144	14861	14831	2024	0.187	

PANEL  
209-030-125-143

CUNROD	1251491	14861	18661	2024	0.140	
CSHEAR	1251571	10481	16481	2024	0.112	
CUNROD	1251572	14861	18681	2024	0.111	
CUNROD	1251551	18661	18681	2024	0.121	
CUNROD	1251551	18661	18681	2024	0.121	
INNER SKIN	209-030-125-027	008	ALUMI NUM			
STRMEM	1250271	0082024	14881	14881	16481	18661
CSHEAR	1250272	0082024	16481	16481	18681	
CUNROD	1252701	14801	18661	2024	0.035	
CUNROD	1252702	16481	18681	2024	0.035	
CUNROD	1252703	14861	16481	2024	0.120	
CUNROD	1252704	18661	18681	2024	0.120	
CUTER SKIN	209-030-379-001	021	ALUMI NUM			
STRMEM	3790011	0212024	14881	14881	16481	18661
CSHEAR	3790012	0212024	16481	16481	18681	
CUNROD	3790101	14861	18661	2024	0.121	
CUNROD	3790102	16481	18631	2024	0.121	
CUNROD	3790103	14861	16481	2024	0.315	
CUNROD	3790104	18661	18681	2024	0.315	

FRAME  
209-030-125-057

[illegible]



[illegible]



CONROU	1297502	6147	7047	7075	0.069	
CONROU	1297511	6137	6147	7075	0.061	
CONROU	1297513	7037	7047	7075	0.061	6167
CSHEAR	129752	0167015	6147	7047	0.069	
CONROU	1297503	6147	7067	7075	0.001	
CONROU	1297504	6167	7067	7075	0.061	
CONROU	1297512	6147	6167	7075	0.061	
CONROU	1297514	7047	7067	7075	0.061	
CONROU	1297515	0167075	7047	8547	8567	7067
CSHEAR	1297521	7047	8547	7075	0.011	
CONROU	1297522	7067	8567	7075	0.011	
CONROU	1297523	7047	7067	7075	0.102	
CONROU	1297524	8547	8567	7075	0.102	
* INTERIOR SKIN 209-030-129-077 .012 ALUMI NUM 7067						
CSHEAR	1290771	0127075	7047	8547	8567	
CONROU	1297701	7047	8547	7075	0.008	
CONROU	1297702	7067	8567	7075	0.008	
CONROU	1297703	7047	7067	7075	0.058	
CONROU	1297704	8547	8567	7075	0.058	
* OUTER SKIN 209-030-129-201 .016 ALUMI NUM 5147						
CSHEAR	1292011	0167075	6137	7037	7047	
CONROU	1290101	6137	7037	7075	0.026	
CONROU	1290102	6147	7047	7075	0.071	
CONROU	1290111	6137	6147	7075	0.065	
CONROU	1290113	7037	7047	7075	0.065	
CSHEAR	1292012	0167075	6147	7047	7067	6167
CONROU	1290103	6147	7047	7075	0.071	
CONROU	1290104	6167	7067	7075	0.002	
CONROU	1290112	6147	6167	7075	0.065	
CONROU	1290114	7047	7067	7075	0.065	
CSHEAR	1292013	0167075	7037	8537	8547	7047
CONROU	1290121	7037	8537	7075	0.028	
CONROU	1290122	7047	8547	7075	0.074	
CONROU	1290131	7037	7047	7075	0.116	
CONROU	1290133	8537	8547	7075	0.116	
CSHEAR	1292014	0167075	7047	8547	8567	7067
CONROU	1290123	7047	8547	7075	0.074	
CONROU	1290124	7067	8567	7075	0.003	
CONROU	1290132	7047	7067	7075	0.116	
CONROU	1290134	8547	8567	7075	0.116	
CSHEAR	1292015	0167075	8537	9337	9347	8547
CONROU	1290141	8537	9337	7075	0.029	
CONROU	1290142	8547	9347	7075	0.077	
CONROU	1290151	8537	8547	7075	0.062	
CONROU	1290153	9337	9347	7075	0.062	
CSHEAR	1292016	0167075	8547	9347	9367	8567
CONROU	1290143	8547	9347	7075	0.077	
CONROU	1290144	8567	9367	7075	0.003	
CONROU	1290152	8547	8567	7075	0.062	

CUNROD	1290154	9347	9367	7075	0.062
MAIN BEAM WEB / LEFT--AND SIDE					
209-030-129-199					
STA 93.00 TO STA 133.70					
DOUBLERS					
CUNROD	1290732	9367	11567	7075	0.044
CUNROD	1290733	11567	13867	7075	0.044
CUNROD	1291431	9347	11547	7075	0.093
CUNROD	1291432	11547	13847	7075	0.093
CUNROD	1291111	9337	11537	7075	0.052
CUNROD	1291112	11537	13837	7075	0.052
CUNROD	1290793	9337	9347	7075	0.056
CUNROD	1290794	9347	9367	7075	0.056
CUNROD	1290691	13837	13847	7075	0.058
CUNROD	1290692	13847	13867	7075	0.058
INNER SKIN					
CSHEAR	1292056	0257075	9337	11537	0.025
CUNROD	1290561	9337	11537	7075	11547
CUNROD	1290562	9347	11547	7075	0.078
CUNROD	1290571	9337	9347	7075	0.134
CUNROD	1290573	11537	11547	7075	0.256
CSHEAR	1292057	0257075	9347	11547	0.256
CUNROD	1290563	9347	11547	7075	0.134
CUNROD	1290564	9367	11567	7075	0.041
CUNROD	1290572	9347	9367	7075	0.256
CUNROD	1290574	11547	11567	7075	0.256
CSHEAR	1292058	0257075	11537	13837	13847
CUNROD	1290581	11537	13837	7075	0.076
CUNROD	1290582	11547	13847	7075	0.139
CUNROD	1290591	11537	11547	7075	0.249
CUNROD	1290593	13837	13847	7075	0.249
CSHEAR	1292059	0257075	11547	13847	13867
CUNROD	1290583	11547	13847	7075	0.139
CUNROD	1290584	11567	13867	7075	0.052
CUNROD	1290592	11547	11567	7075	0.249
CUNROD	1290594	13847	13867	7075	0.249
OUTER SKIN					
CSHEAR	1291851	0167075	9337	11537	0.016
CUNROD	1298501	9337	11537	7075	11547
CUNROD	1298502	9347	11547	7075	0.028
CUNROD	1298503	9337	9347	7075	0.028
CUNROD	1298504	11537	11547	7075	0.159
CSHEAR	1291852	0167075	11537	13837	13847
CUNROD	1298511	11537	13837	7075	0.159
CUNROD	1298512	11547	13847	7075	0.031
CUNROD	1298513	11537	11547	7075	0.031
CUNROD	1298514	13837	13847	7075	0.154



CSHEAR	1290691	0407075	13807	14807	14827	13827
CONROD	1296901	13807	14807	7075	0.169	
CONROD	1296902	13827	14827	7075	0.169	
CONROD	1296911	13807	13827	7075	0.191	
CONROD	1296914	14807	14827	7075	0.191	
CSHEAR	1290692	0407075	13827	14827	14837	13837
CONROD	1296903	13827	14827	7075	0.201	
CONROD	1296904	13837	14837	7075	0.201	
CONROD	1296912	13827	14827	7075	0.191	
CONROD	1296915	14827	14837	7075	0.191	
CTRMEM	1290693	0407075	13837	13847	13848	
CSHEAR	1290694	0407075	13837	14837	14847	13847
CONROD	1296905	13837	14837	7075	0.151	
CONROD	1296906	13847	14847	7075	0.151	
CONROD	1296913	13837	13847	7075	0.194	
CONROD	1296916	14837	14847	7075	0.194	
\$ OUTER SKIN	209-030-129-125	020	ALUMI NUM			
CSHEAR	1291251	0207075	13807	14807	14827	13827
CONROD	1292501	13807	14807	7075	0.048	
CONROD	1292502	13827	14827	7075	0.122	
CONROD	1292511	13807	13827	7075	0.096	
CONROD	1292513	14807	14827	7075	0.096	
CSHEAR	1291252	0207075	13827	14827	14837	13837
CONROD	1292503	13827	14827	7075	0.122	
CONROD	1292504	13837	14837	7075	0.033	
CONROD	1292512	13827	13837	7075	0.096	
CONROD	1292514	14827	14837	7075	0.096	
\$ OUTER SKIN	209-030-129-057	016	ALUMI NUM			
CSHEAR	1290571	0167075	13837	14837	14847	13847
CONROD	1295701	13837	14837	7075	0.014	
CONROD	1295702	13847	14847	7075	0.014	
CONROD	1295703	13837	13847	7075	0.056	
CONROD	1295704	14837	14847	7075	0.056	
\$ OUTER SKIN	209-030-129-059	025	ALUMI NUM			
CSHEAR	1290591	0257075	13848	13847	14867	13867
CONROD	1295921	13848	13847	7075	0.053	
CONROD	1295922	13867	14867	7075	0.053	
CONROD	1295923	13848	13867	7075	0.094	
CONROD	1295924	13847	14867	7075	0.094	
CTRMEM	1290592	0257075	13847	14847	14867	
\$			MAIN BEAM	14847	14867	
\$			WEB /	209-030-138-005	LEFT-HAND SIDE	
\$				209-030-138-005		
\$				STA 148.50 TO STA 186.25		
\$ DOUBLERS						
CONROD	1380291	14867	18669	7075	0.139	
CONROD	1380433	14827	15627	7075	0.182	
CONROD	1380311	15627	18629	7075	0.186	
CONROD	1380432	14827	14837	7075	0.075	

CONROD	1380494	14837	14847	7075	0.075	
CONROD	1380497	14847	14857	7075	0.075	
CONROD	1380491	18629	18639	7075	0.070	
CONROD	1380192	18639	18649	7075	0.070	
CONROD	1380193	18649	18654	7075	0.070	
CONROD	1380194	18654	18659	7075	0.070	
CONROD	1380195	18659	18669	7075	0.070	
\$ INFER SKIN	209-030	138-041	020			FABRIC
CSHEAR	1380411	0200076	14827	15627	15637	14837
CONROD	1384101	14827	15627	0076	0.088	
CONROD	1384102	14837	15637	0076	0.088	
CONROD	1384103	14827	14837	0076	0.071	
CONROD	1384104	15627	15637	0076	0.071	
CSHEAR	1380412	0200076	15627	18629	18639	15637
CONROD	1384111	15627	18629	0076	0.088	
CONROD	1384112	15637	18639	0076	0.088	
CONROD	1384121	15627	15637	0076	0.298	
CONROD	1384124	18629	18639	0076	0.298	
CONROD	1380413	0200076	14837	15637	14847	
CSHEAR	1380414	0200076	15637	18639	18649	14847
CONROD	1384113	15637	18639	0076	0.096	
CONROD	1384114	14847	18649	0076	0.334	
CONROD	1384122	15637	14847	0076	0.334	
CONROD	1384125	18639	18649	0076	0.334	
CSHEAR	1380415	0200076	14847	18654	18659	14867
CONROD	1384115	14847	18654	0076	0.075	
CONROD	1384116	14857	18659	0076	0.075	
CONROD	1384123	14847	14867	0076	0.369	
CONROD	1384126	18654	18659	0076	0.369	
\$ INTERIOR SKIN	209-030	133-035				TITANIUM
CSHEAR	1380351	0169046	14827	15627	15637	14837
CONROD	1383501	14827	15627	9046	0.031	
CONROD	1383502	14837	15637	9046	0.031	
CONROD	1383503	14827	14837	9046	0.066	
CONROD	1383504	15627	15637	9046	0.066	
\$ INTERIOR SKIN	209-030	138-043				TITANIUM
CSHEAR	1380431	0409046	14827	15627	15637	14837
CONROD	1384301	14827	15627	9046	0.096	
CONROD	1384302	14837	15637	9046	0.096	
CONROD	1384303	14827	14837	9046	0.183	
CONROD	1384304	15627	15637	9046	0.183	
\$ OUTER SKIN	209-030	138-045				TITANIUM
CSHEAR	1380451	0129046	14827	15627	15637	14837
CONROD	1384501	14827	15627	9046	0.053	
CONROD	1384502	14837	15637	9046	0.053	
CONROD	1384503	14827	14837	9046	0.042	
CONROD	1384504	15627	15637	9046	0.042	
CSHEAR	1380452	0129046	15627	18629	18639	15637
CONROD	1384511	15627	15629	9046	0.053	

MAIN BEAM WEB / LEFT-HAND SIDE									
STA 186.28 TO STA 213.94									
CONROD	1384512	15037	18037	9046	0.053	148+7			
CONROD	1384521	15627	15037	9046	0.179				
CONROD	1384524	18649	18639	9046	0.179				
CSHEAR	1380453	0129046	14837	15637	14847				
CONROD	1380454	0129040	15637	18639	18649				
CONROD	1384513	15637	18639	9046	0.053				
CONROD	1384514	14847	18649	9046	0.058				
CONROD	1384522	15637	14847	9046	0.200				
CONROD	1384525	18639	18649	9046	0.200				
CSHEAR	1380455	0129046	14847	18654	18659	1+867			
CONROD	1384515	14847	18654	9046	0.045				
CONROD	1384516	14867	18659	9046	0.045				
CONROD	1384523	14847	14867	9046	0.221				
CONROD	1384526	18654	18659	9046	0.221				
DOUBLERS									
CONROD	1370355	19769	21369	7075	0.064				
CONROD	1370356	19749	21349	7075	0.158				
CONROD	1370357	19759	19769	7075	0.156				
CONROD	1370358	21349	21369	7075	0.156				
INNER SKIN	209-030-137-023	012	ALUMI NUM	19759					
CSHEAR	1370231	0127075	19749	21349	0.089				
CONROD	1372301	19749	21349	7075	0.016				
CONROD	1372302	19759	21369	7075	0.016				
CONROD	1372303	19749	19759	7075	0.076				
CONROD	1372304	21349	21369	7075	0.076				
CSHEAR	1370232	0127075	19759	21369	0.076				
INNER SKIN	209-030-137-035	040	ALUMI NUM	18659					
CSHEAR	1370351	0407075	18649	19749	0.139				
CONROD	1370352	0407075	18654	19749	0.117				
CONROD	1373501	18654	19749	7075	0.213				
CONROD	1373502	18659	19759	7075	0.213				
CONROD	1373511	18654	18659	7075	0.117				
CONROD	1373513	19749	19759	7075	0.001				
CSHEAR	1370353	0407075	18659	19759	0.213				
CONROD	1373503	18659	19759	7075	0.213				
CONROD	1373504	18669	19769	7075	0.001				
CONROD	1373512	18659	18669	7075	0.213				
CONROD	1373514	19759	19769	7075	0.213				
OUTER SKIN	209-030-137-005	040	ALUMI NUM	18659					
CSHEAR	1370051	0407075	18649	19749	0.143				
CONROD	1370052	0407075	18654	19749	0.095				
CONROD	1370501	18654	19749	7075					
CONROD	1370502	18659	19759	7075					



CUNR00	1370011	18659	18659	7075	0.213	
CUNR00	1370013	19749	19759	7075	0.213	
CSHEAR	1370057	0407075	18659	19759	19769	18669
CUNR00	1370058	18659	19759	7075	0.095	
CUNR00	1370059	18659	19759	7075	0.109	
CUNR00	1370060	18659	19759	7075	0.213	
CUNR00	1370061	19759	19759	7075	0.213	
CSHEAR	1370062	0407075	19749	21349	21369	19759
CUNR00	1370522	19759	21349	7075	0.143	
CUNR00	1370523	21349	19759	7075	0.341	
CUNR00	1370524	21349	21359	7075	0.341	
CTRMEM	1370055	0407075	19759	21369	19769	

MAIN BEAM WEB / LEFT-HAND SIDE  
209-030-180-017  
STA 186.28 TO STA 213.94

CUNR00	16700171	18629	21349	2024	0.491	
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MAIN BEAM WEB / LEFT-HAND SIDE  
209-030-119-001  
STA 213.94 TO STA 250.00

CUNR00	11900211	21369	25069	7075	0.229	
CUNR00	11900171	21329	22729	7075	0.284	
CUNR00	1190172	21829	22729	7075	0.300	
CUNR00	1190173	22729	25029	7075	0.353	
CUNR00	1190231	21329	21349	7075	0.178	
CUNR00	1190232	21349	21369	7075	0.178	
CUNR00	1190191	25029	25049	7075	0.167	
CUNR00	1190192	25049	25049	7075	0.167	
INNER SKIN	209-030-119-009	25049	25049	7075	0.167	
CTRMEM	1190091	0200076	21329	21829	GLASS	FABRIC
CTRMEM	1190092	0200076	21829	22729	21349	
CSHEAR	1190093	0200076	22729	25029	25049	21349
CUNR00	1190901	22729	25029	0076	0.131	
CUNR00	1190902	21349	25049	0076	0.203	
CUNR00	1190911	22729	21349	0076	0.292	
CUNR00	1190913	25029	25049	0076	0.292	
CSHEAR	1190094	0200076	21349	25049	25069	21369
CUNR00	1190903	21349	25049	0076	0.203	
CUNR00	1190904	21369	25069	0076	0.034	
CUNR00	1190912	21349	21369	0076	0.361	
CUNR00	1190914	25049	25069	0076	0.361	
INTERIOR SKIN	209-030-119-013	25049	25049	0076	0.361	
CTRMEM	1190131	0329046	21329	21829	21349	
CTRMEM	1190132	0329046	21829	22729	21349	

OUTER SKIN		209-030-117-005	016	TITANIUM
CSHEAR	1190051	0169040	21329	21349
CONROD	1190052	0169040	22129	21349
CSHEAR	1190053	0169040	22729	25049
CONROD	1190501	22729	9046	0.105
CONROD	1190502	21349	9046	0.162
CONROD	1190511	22729	9046	0.234
CONROD	1190513	25029	9046	0.234
CSHEAR	1190054	0169040	21349	25069
CONROD	1190503	21349	9046	0.162
CONROD	1190504	21369	9046	0.021
CONROD	1190512	21349	9046	0.288
CONROD	1190514	25049	9046	0.288
MAIN BEAM WEB / LEFT-HAND SIDE				
209-030-117-047				
STA 250.00 TO 85 41.32				
016 ALUMINUM				
DOUBLERS				
CONROD	1170191	26869	7075	0.069
CONROD	1170211	26829	7075	0.068
CONROD	1170511	26829	7075	0.043
CONROD	1170512	26849	7075	0.043
CONROD	1170231	29929	7075	0.053
CONROD	1170232	29949	7075	0.053
INNER SKIN				
CSHEAR	1170111	0167075	26829	26849
CONROD	1171101	25029	7075	0.066
CONROD	1171102	25049	7075	0.148
CONROD	1171111	25029	7075	0.118
CONROD	1170112	26829	7075	0.118
CSHEAR	1170113	0167075	26849	26869
CONROD	1171103	25049	7075	0.148
CONROD	1171104	25069	7075	0.020
CONROD	1171112	25049	7075	0.118
CONROD	1171114	26849	7075	0.118
INNER SKIN				
CSHEAR	1170391	0082024	29929	29949
CONROD	1173901	26829	2024	0.023
CONROD	1173902	26849	2024	0.069
CONROD	1173911	26829	2024	0.116
CONROD	1173913	29929	2024	0.116
CSHEAR	1170392	0082024	29949	29969
CONROD	1173903	26849	2024	0.069
CONROD	1173904	26869	2024	0.014
CONROD	1173912	26849	2024	0.116
CONROD	1173914	29949	2024	0.116
INTERIOR SKIN				
CSHEAR	1170511	0407075	26829	26849

CONROD	1175101	25029	26829	7075	0.235	
CONROD	1175102	25049	26849	7075	0.381	
CONROD	1175111	25029	25049	7075	0.365	
CONROD	1175113	26829	26849	7075	0.365	
CSHEAR	1170512	2407075	25049	26849	26869	25069
CONROD	1175103	25049	26849	7075	0.381	
CONROD	1175104	25069	26869	7075	0.114	
CONROD	1175112	25049	25069	7075	0.365	
CONROD	1175114	26849	26869	7075	0.365	
OUTER SKIN	209-030-117-005				ALUMI NUM	
CSHEAR	1170051	0167075	25029	26829	26849	25049
CONROD	1170501	25029	26829	7075	0.094	
CONROD	1170502	25049	26849	7075	0.152	
CONROD	1170513	25029	25049	7075	0.146	
CONROD	1170515	26829	26849	7075	0.146	
CSHEAR	1170052	0167075	25049	26849	26869	25069
CONROD	1170503	25049	26849	7075	0.152	
CONROD	1170504	25069	26869	7075	0.047	
CONROD	1170514	25049	25069	7075	0.146	
CONROD	1170516	26849	26869	7075	0.146	
CSHEAR	1170053	0167075	26829	29229	29949	26849
CONROD	1170521	26829	29229	7075	0.081	
CONROD	1170522	26849	29949	7075	0.146	
CONROD	1170531	26829	29949	7075	0.250	
CONROD	1170533	29929	29949	7075	0.250	
CSHEAR	1170054	0167075	26849	29949	29969	25869
CONROD	1170523	26849	29949	7075	0.146	
CONROD	1170524	26869	29969	7075	0.062	
CONROD	1170532	26849	26869	7075	0.250	
CONROD	1170534	29949	29969	7075	0.250	
SIDE PANELS AND FRAMES / LEFT SIDE						
STA 61.25 TO STA 186.25						
CANOPY FRAME						
209-030-500-309						
CONROD	5003091	6169	7079	7075	0.191	
CONROD	5003092	7079	8579	7075	0.192	
CONROD	5003093	8579	9379	7075	0.193	
CONROD	5003094	9379	11579	7075	0.206	
CONROD	5003095	11579	13879	7075	0.208	
CONROD	5003096	13879	14489	7075	0.205	
SKIN						
209-030-179-163						
CTRMEM	1791631	0322024	6169	7079	7069	

CSHEAR	1791632	0322024	1069	7079	3579	3569
CONROD	1796301	7069	8569	2024	0.040	
CONROD	1796302	7079	8579	2024	0.040	
CONROD	1796303	7069	7079	2024	0.232	
CONROD	1796304	3569	8579	2024	0.232	
CSHEAR	1791633	0322024	8569	8579	9379	9369
CONROD	1796311	8569	9369	2024	0.072	
CONROD	1796312	8579	9379	2024	0.072	
CONROD	1796313	8569	8579	2024	0.202	
CONROD	1796314	9369	9379	2024	0.202	
CSHEAR	1791634	0322024	9369	9379	11579	11569
CONROD	1796321	9369	11569	2024	0.102	
CONROD	1796322	9379	11579	2024	0.102	
CONROD	1796323	9369	9379	2024	0.270	
CONROD	1796324	11569	11579	2024	0.270	
CSHEAR	1791635	0322024	11569	11579	13879	13869
CONROD	1796331	11569	13869	2024	0.130	
CONROD	1796332	11579	13879	2024	0.130	
CONROD	1796333	11569	11579	2024	0.248	
CONROD	1796334	13869	13879	2024	0.248	
CSHEAR	1791636	0322024	13869	13879	14889	14869
CONROD	1796341	13869	14869	2024	0.183	
CONROD	1796342	13879	14889	2024	0.183	
CONROD	1796343	13869	13879	2024	0.321	
CONROD	1796344	14869	14889	2024	0.321	

PANEL  
209-030-125-141

DOUBLERS	1250971	14869	18669	2024	0.084	
CONROD	1250131	14889	16489	2024	0.064	
CONROD	1250132	16489	18689	2024	0.064	
CONROD	1250171	14869	14889	2024	0.070	
CONROD	1250151	18669	18689	2024	0.070	
INNER SKIN	209-030-125-023	008	ALUMINUM			
CTR MEM	1250231	0082024	14889	14889	16489	18669
CSHEAR	1250232	0082024	14869	16489	18689	
CONROD	1252301	14869	18669	2024	0.035	
CONROD	1252302	16489	18689	2024	0.035	
CONROD	1252303	14869	16489	2024	0.120	
CONROD	1252304	18669	18689	2024	0.120	
OUTER SKIN	209-030-125-091	016	ALUMINUM			
CTR MEM	1250911	0162024	14869	14889	16489	18669
CSHEAR	1250912	0162024	14869	16489	18689	
CONROD	1259101	14869	18669	2024	0.098	
CONROD	1259102	16489	18689	2024	0.098	
CONROD	1259103	14869	16489	2024	0.240	
CONROD	1259104	18669	18689	2024	0.240	

		PRIME		209-030-125-077	
		2024	16489	2024	0.115
		2024	18639	2024	0.115
TAILBOOM - ELASTIC AXIS REPRESENTATION					
209-030-300					
CBAR	3003170	30045	30045	31745	0.0
PBAR	3003170	42.74	42.74	6244.6	3326.6
CBAR	3173380	31745	31745	33845	0.0
PBAR	3173380	47.48	47.48	686.9	2387.8
CBAR	3383590	33845	33845	35945	0.0
PBAR	3383590	41.41	41.41	650.6	1864.0
CBAR	3593800	35945	35945	38045	0.0
PBAR	3593800	38.74	38.74	3323.3	1422.4
CBAR	3804010	38045	38045	40145	0.0
PBAR	3804010	37.56	37.56	2301.9	1113.3
CBAR	4014220	40145	40145	42245	0.0
PBAR	4014220	36.72	36.72	1782.4	881.7
CBAR	4224430	42245	42245	44345	0.0
PBAR	4224430	34.77	34.77	1322.7	534.5
CBAR	4434520	44345	44345	45245	0.0
PBAR	4434520	34.59	34.59	1130.4	459.2
CBAR	4524640	45245	45245	46445	0.0
PBAR	4524640	35.55	35.55	1159.1	428.4
VERTICAL FIN - ELASTIC AXIS REPRESENTATION					
209-030-801					
CBAR	4644800	46445	46445	49045	0.0
PBAR	4644800	38.50	38.50	5150.0	113.5
CBAR	4804880	48045	48045	48845	0.0
PBAR	4804880	35.13	35.13	1900.0	81.2
CBAR	4884970	48845	48845	49745	0.0
PBAR	4884970	32.70	32.70	1620.0	69.0
CBAR	4975060	49745	49745	50645	0.0
PBAR	4975060	30.25	30.25	5064.5	56.8
CBAR	5065150	50645	50645	51545	0.0
PBAR	5065150	27.85	27.85	1060.0	48.5
CBAR	5155200	51545	51545	52045	0.0
PBAR	5155200	25.45	25.45	650.0	43.7
ELEVATOR					
209-020-800					
CBAR	4014345	40143	40143	40145	0.0
PBAR	4014345	40143	40143	40145	0.0



1210592 21364 21383 7075 0.137  
 WEB - RIGHT SIDE  
 1210590 0507075 21363 21364 21383  
 MAIN BEAM CAP AXIALS - RIGHT SIDE  
 1210321 18661 19761 7075 0.241  
 1210322 19761 21361 7075 0.241  
 PYLON BEAM - LEFT SIDE  
 209-030-121-021  
 STA 186.25 TO STA 213.94  
 1210211 1210211 18687 18987 0.0 0.0  
 1210212 1210212 0.643 0.3418 2.0812 0.0  
 1210213 1210213 18987 21187 0.0 0.0  
 1210214 1210214 0.643 0.3418 2.0812 0.0  
 1210215 1210215 21187 21387 0.0 0.0  
 1210216 1210216 0.643 0.3418 2.0812 0.0  
 FWD PYLON POST - LEFT SIDE  
 1070311 1070311 18667 18687 1.0 0.0  
 1070312 1070312 2.100 13.035 6.442 0.0  
 1070313 1070313 1.0 18683 6  
 AFT PYLON POST - LEFT SIDE  
 1210091 1210091 21367 21387 1.0 0.0  
 1210092 1210092 1.643 5.770 5.205 0.0  
 AFT PYLON POST LEG - LEFT SIDE  
 1210092 21347 21367 7075 0.707  
 DIAGONAL - LEFT SIDE  
 1210471 21345 21366 7075 0.137  
 1210472 21366 21387 7075 0.137  
 WEB - LEFT SIDE  
 1210470 0507075 21366 21367 21387  
 MAIN BEAM CAP AXIALS - LEFT SIDE  
 1210311 18664 19769 7075 0.241

LF PJST6





		205-030-204-053		STA 148.50 TO STA 148.25	
	DOUMBERS				
CUNRUD	2044711	14821	7075	0.019	
CUNRUD	2044712	15623	7075	0.205	
CUNRUD	2044713	15627	7075	0.205	
CUNRUD	2044714	14829	7075	0.019	
CUNRUD	2044715	14823	7075	0.176	
CUNRUD	2044716	15621	7075	0.296	
CUNRUD	2044717	15623	7075	0.294	
CUNRUD	2044718	15625	7075	0.294	
CUNRUD	2044719	15627	7075	0.296	
CUNRUD	2044720	15621	7075	0.050	
CUNRUD	2044721	15623	7075	0.195	
CUNRUD	2044722	15627	7075	0.195	
CUNRUD	2044723	15629	7075	0.050	
CUNRUD	2044724	18621	7075	0.180	
CUNRUD	2044725	18623	7075	0.180	
CUNRUD	2044726	18625	7075	0.180	
CUNRUD	2044727	18627	7075	0.180	
\$	LOMER SKIN	209-030-212-001	0.040	ALUMINUM	
CSHEAR	2120011	0407075	14823	14827	13827
CUNRUD	2120101	13823	2024	0.133	
CUNRUD	2120102	13827	2024	0.133	
CUNRUD	2120103	13823	2024	0.392	
CUNRUD	2120104	14823	2024	0.392	
\$	LOMER SKIN	209-030-204-081	0.016	TITANIUM	
CSHEAR	2040811	0169046	15621	15623	14823
CUNRUD	2048101	14821	9046	0.050	
CUNRUD	2048102	14823	9046	0.050	
CUNRUD	2048105	14821	9046	0.062	
CUNRUD	2048107	15621	9046	0.062	
CTRMEM	2040812	0169046	15623	15625	
CTRMEM	2040813	0169046	14823	14827	
CTRMEM	2040814	0169046	14827	15625	
CSHEAR	2040815	14827	15627	15629	14829
CUNRUD	2048103	14827	9046	0.050	
CUNRUD	2048104	14829	9046	0.062	
CUNRUD	2048106	14827	9046	0.062	
CUNRUD	2048108	15627	9046	0.062	
CTRMEM	2040821	0169046	18621	18623	
CTRMEM	2040822	0169046	18621	18623	
CSHEAR	2040823	0169046	15623	18625	15625
CUNRUD	2048201	15623	9046	0.057	
CUNRUD	2048202	15625	9046	0.115	
CUNRUD	2048205	15623	9046	0.238	
CUNRUD	2048207	18623	9046	0.238	
CSHEAR	2040824	0169046	14825	18627	15627

PYLON FLOOR - WL 35.97  
209-030-205-059  
STA 186.25 TO STA 213.94

DOUBLERS					
CONROD	2050431	186211	213211	7075	0-024
CONROD	2050651	186229	213227	7075	0-053
CONROD	2050652	186229	213229	7075	0-053
CONROD	2050432	186221	186223	7075	0-040
CONROD	2050433	186225	186225	7075	0-040
CONROD	2050434	186225	186227	7075	0-040
CONROD	2050435	186227	186229	7075	0-040
CONROD	2050436	213221	213223	7075	0-104
CONROD	2050437	213223	213225	7075	0-104
CONROD	2050438	213225	213227	7075	0-104

CONROD	2050434	21327	21329	7075	0.104	ALUMINUM	18623
\$ LUMFR	2050551	209-030-005	18621	21321	0.018	21323	
CSHEAR	2050551	0107075	18621	7075	0.094	0.094	
CONROD	2050552	18623	21323	7075	0.221	0.221	
CONROD	2050551	18621	18623	7075	0.221	0.221	
CONROD	2050551	01321	21323	7075	0.221	0.221	
CONROD	2050552	0167075	18623	21323	0.094	0.094	18625
CSHEAR	2050553	18623	21325	7075	0.059	0.059	
CONROD	2050554	18625	21325	7075	0.221	0.221	
CONROD	2050551	18623	21325	7075	0.221	0.221	
CONROD	2050551	21323	21325	7075	0.221	0.221	
CSHEAR	2050553	0167075	18625	21325	0.094	0.094	18627
CONROD	2050555	18625	21325	7075	0.059	0.059	
CONROD	2050556	18627	21327	7075	0.094	0.094	
CONROD	2050551	18625	21327	7075	0.221	0.221	
CONROD	2050551	21325	21327	7075	0.221	0.221	
CSHEAR	2050554	0167075	18627	21327	0.094	0.094	18629
CONROD	2050557	18627	21327	7075	0.018	0.018	
CONROD	2050558	18629	21329	7075	0.221	0.221	
CONROD	2050551	18627	21329	7075	0.221	0.221	
CONROD	2050551	21327	21329	7075	0.221	0.221	
\$ LUMFR	2050631	209-030-005	18621	21321	0.012	ALUMINUM	18623
CONROD	2050631	0127075	18621	21321	0.004	0.004	
CONROD	2050631	18621	21321	7075	0.069	0.069	
CONROD	2050632	18623	21323	7075	0.145	0.145	
CONROD	2050631	18621	21323	7075	0.145	0.145	
CONROD	2050632	21321	21323	7075	0.145	0.145	
CSHEAR	2050633	0127075	18623	21323	0.069	0.069	18625
CONROD	2050633	18623	21323	7075	0.045	0.045	
CONROD	2050634	18625	21325	7075	0.145	0.145	
CONROD	2050631	18623	21325	7075	0.145	0.145	
CONROD	2050633	0127075	18625	21325	0.045	0.045	18627
CONROD	2050633	18625	21325	7075	0.069	0.069	
CONROD	2050636	18627	21327	7075	0.145	0.145	
CONROD	2050631	18625	21327	7075	0.145	0.145	
CONROD	2050631	21325	21327	7075	0.145	0.145	
CSHEAR	2050634	0127075	18627	21327	0.069	0.069	18629
CONROD	2050637	18627	21327	7075	0.005	0.005	
CONROD	2050638	18629	21329	7075	0.145	0.145	
CONROD	2050631	18627	21329	7075	0.145	0.145	
CONROD	2050631	21327	21329	7075	0.145	0.145	

AFT FUEL CELL FLOOR - WL 35.97  
 209-030-063  
 SIA 215.94 TO SIA 250.00

DOUBLERS

[illegible]

CUNRUD	2068732	21423	21825	9046	0.069	21027
CUNRUD	2068736	22723	22725	9046	0.069	
CSHEAR	2068777	0169040	22725	22725	0.059	
CUNRUD	2068725	21825	22727	9046	0.092	
CUNRUD	2068726	21827	22727	9046	0.069	
CUNRUD	2068733	22725	22727	9046	0.069	
CUNRUD	2068737	0169046	22727	22727	0.092	
CSHEAR	2068778	21827	22727	9046	0.014	21929
CUNRUD	2068727	21827	22729	9046	0.069	
CUNRUD	2068728	21827	22729	9046	0.069	
CUNRUD	2068734	22727	22729	9046	0.069	
CUNRUD	2068738	0169046	22729	9046	0.069	
CTRMEM	2068881	0169046	22729	9046	0.069	
CSHEAR	2068882	22723	22729	25021	25021	22725
CUNRUD	2068801	22725	22729	9046	0.065	
CUNRUD	2068802	22723	22725	9046	0.136	
CUNRUD	2068811	22723	22725	9046	0.179	
CUNRUD	2068813	25021	22725	9046	0.179	
CSHEAR	2068883	0169046	22725	25025	25029	22727
CUNRUD	2068803	22725	22725	9046	0.136	
CUNRUD	2068804	22727	22729	9046	0.065	
CUNRUD	2068812	22725	22727	9046	0.179	
CUNRUD	2068814	25025	22727	9046	0.179	
CTRMEM	2068884	0169046	22727	25029	22729	
UPPER SKIN	2068911	209-030	22727	25029	GLASS	21323
CSHEAR	2068911	0100076	22727	25029	GLASS	
CUNRUD	20689101	21321	21821	0076	0.011	
CUNRUD	20689102	21323	21823	0076	0.058	
CUNRUD	20689111	21321	21823	0076	0.025	
CUNRUD	20689115	21821	21823	0076	0.025	21325
CSHEAR	2068912	0100076	21823	21823	21825	
CUNRUD	20689103	21323	21823	0076	0.058	
CUNRUD	20689104	21325	21825	0076	0.037	
CUNRUD	20689112	21323	21825	0076	0.025	
CUNRUD	20689116	21823	21825	0076	0.025	21327
CSHEAR	2068913	0100076	21825	21825	21827	
CUNRUD	20689105	21325	21825	0076	0.037	
CUNRUD	20689106	21327	21827	0076	0.058	
CUNRUD	20689113	21325	21827	0076	0.025	
CUNRUD	20689117	21825	21827	0076	0.025	
CSHEAR	2068914	0100076	21827	21827	21829	21329
CUNRUD	20689107	21327	21827	0076	0.058	
CUNRUD	20689108	21329	21829	0076	0.011	
CUNRUD	20689114	21327	21829	0076	0.025	
CUNRUD	20689118	21827	21829	0076	0.025	
UPPER SKIN	20689118	209-030	21829	0076	GLA	
CSHEAR	2068911	0200076	21821	21821	21821	
CUNRUD	2068901	21321	21821	0076	0.02	
CUNRUD	2068902	21323	21823	0076	0.13	

CONROD	2068911	21321	21323	0076	0.050	21325
CONROD	2068915	21821	21823	0076	0.050	
CSHEAR	2068917	0200076	21823	21823	21825	
CONROD	2068903	21323	21823	0076	0.116	
CONROD	2068904	21325	21825	0076	0.074	
CONROD	2068912	21323	21325	0076	0.050	
CONROD	2068916	21823	21825	0076	0.050	
CSHEAR	2068913	0200076	21825	21825	21827	
CONROD	2068905	21325	21825	0076	0.074	
CONROD	2068906	21327	21827	0076	0.116	
CONROD	2068913	21325	21327	0076	0.050	
CONROD	2068917	21825	21827	0076	0.050	
CSHEAR	2068914	0200076	21327	21827	21829	
CONROD	2068907	21327	21827	0076	0.116	
CONROD	2068908	21329	21829	0076	0.021	
CONROD	2068914	21327	21329	0076	0.050	
CONROD	2068918	21827	21829	0076	0.050	
CSHEAR	2068915	0200076	21821	22721	22723	
CONROD	2068921	21821	22721	0076	0.018	
CONROD	2068922	21823	22723	0076	0.115	
CONROD	2068931	21821	21823	0076	0.087	
CONROD	2068935	22721	22723	0076	0.087	
CSHEAR	2068936	0200076	21823	22723	22725	
CONROD	2068923	21823	22723	0076	0.115	
CONROD	2068924	21825	22725	0076	0.074	
CONROD	2068932	21823	21825	0076	0.087	
CONROD	2068936	22723	22725	0076	0.087	
CSHEAR	2068937	0200076	21825	22725	22727	
CONROD	2068925	21825	22725	0076	0.074	
CONROD	2068926	21827	22727	0076	0.115	
CONROD	2068933	21825	21827	0076	0.087	
CONROD	2068937	22725	22727	0076	0.087	
CSHEAR	2068938	0200076	21827	22727	22729	
CONROD	2068927	21827	22727	0076	0.115	
CONROD	2068929	21829	22729	0076	0.018	
CONROD	2068934	21827	22729	0076	0.087	
CONROD	2068938	22727	22729	0076	0.087	
CTRHEM	2069001	0200076	22721	25021	22723	
CSHEAR	2069002	0200076	22723	25021	25025	
CONROD	2069001	22723	25025	0076	0.081	
CONROD	2069011	22723	22725	0076	0.170	
CONROD	2069013	25021	22725	0076	0.224	
CSHEAR	2069003	0200076	22725	25025	0.224	
CONROD	2069003	22725	25025	0076	0.224	
CONROD	2069004	22727	25029	0076	0.081	
CONROD	2069012	22725	22727	0076	0.224	
CONROD	2069014	25025	25029	0076	0.224	
CTRHEM	2069004	0200076	22727	25029	22729	

[illegible]

CONROD	2076502	26825	29925	2024	0.065	
CONROD	2076511	26821	26825	2024	0.111	
CONROD	2076513	29921	29925	2024	0.111	
CSHEAR	2076552	0082024	26825	29925	29929	26829
CONROD	2076504	26829	29929	2024	0.065	
CONROD	2076512	26825	29929	2024	0.013	
CONROD	2076514	29925	29929	2024	0.111	
UPPER SKIN	2076514	209-030-087	29929	2024	0.111	
CSHEAR	2070871	0162024	29921	29921	ALUMINUM	26825
CONROD	2078701	26821	29921	2024	0.063	
CONROD	2078702	26825	29925	2024	0.141	
CONROD	2078711	26821	26825	2024	0.248	
CONROD	2078713	29921	29925	2024	0.248	
CSHEAR	2070872	0162024	26825	29925	29929	26829
CONROD	2078703	26825	29925	2024	0.141	
CONROD	2078704	26829	29929	2024	0.063	
CONROD	2078712	26825	26829	2024	0.248	
CONROD	2078714	29925	29929	2024	0.248	

GUNNER'S FLOOR - WL 46.00  
209-030-201-089  
STA 46.00 TO STA 93.00

DOUBLERS	2010191	4633	6131	2024	0.018	
CONROD	2010192	4637	6139	2024	0.018	
CONROD	2010211	4633	4637	2024	0.024	
LOWER SKIN	2010671	0122024	012-067	6131	ALUMINUM	4637
CTRMEM	2010672	0122024	6133	6133	6133	
CSHEAR	2016701	4633	6133	2024	0.029	
CONROD	2016702	4637	6137	2024	0.029	
CONROD	2016703	4633	4637	2024	0.079	
CONROD	2016704	6133	4637	2024	0.079	
CTRMEM	2010673	0122024	6137	6137	6139	
LOWER SKIN	2010851	0322024	032-085	7031	ALUMINUM	6133
CSHEAR	2018501	6131	6131	7031	7033	
CONROD	2018502	6133	7031	2024	0.032	
CONROD	2018507	6131	7033	2024	0.032	
CONROD	2018510	7031	7033	2024	0.127	
CSHEAR	2010852	0322024	6133	7033	0.127	6137
CONROD	2018503	6133	7033	2024	0.320	
CONROD	2018504	6137	7037	2024	0.320	
CONROD	2018508	6133	7037	2024	0.127	
CONROD	2018511	7033	7037	2024	0.127	
CSHEAR	2010853	0322024	6137	7037	7039	6139
CONROD	2018505	6137	7037	2024	0.032	



CONROD	2018506	6139	7039	2024	0.032	7033
CONROD	2018509	6137	6139	2024	0.127	
CONROD	2018512	7037	7039	2024	0.127	
CSHEAR	2018554	0322024	7031	8531	8533	
CONROD	2018521	7033	8533	2024	0.062	
CONROD	2018522	7031	8533	2024	0.062	
CONROD	2018525	7031	8533	2024	0.232	
CONROD	2018527	8531	8533	2024	0.232	
CSHEAR	2018526	0322024	7037	8537	8539	
CONROD	2018523	7037	8537	2024	0.062	
CONROD	2018524	7039	8539	2024	0.062	
CONROD	2018526	7037	7039	2024	0.232	
CONROD	2018528	8537	8539	2024	0.232	
CSHEAR	2018527	0322024	8531	9331	9333	8533
CONROD	2018531	8531	9331	2024	0.082	
CONROD	2018532	8533	9333	2024	0.082	
CONROD	2018537	8531	8533	2024	0.098	
CONROD	2018540	9331	9333	2024	0.098	
CONROD	2018548	0322024	8533	9333	9337	8537
CSHEAR	2018533	8533	9333	2024	0.320	
CONROD	2018534	8537	9337	2024	0.320	
CONROD	2018538	8533	9337	2024	0.098	
CONROD	2018541	9333	9337	2024	0.098	
CSHEAR	2018549	0322024	8537	9337	9339	8539
CONROD	2018535	8537	9337	2024	0.082	
CONROD	2018536	8539	9339	2024	0.082	
CONROD	2018539	8537	9339	2024	0.098	
CONROD	2018542	9337	9339	2024	0.098	
INTERIOR SKIN	209-030-201-053	209-030-201-053	209-030-201-053	209-030-201-053	209-030-201-053	209-030-201-053
CSHEAR	2015301	0162024	6131	7031	7033	6133
CONROD	2015301	6131	7031	2024	0.029	
CONROD	2015302	6133	7033	2024	0.029	
CONROD	2015307	6131	6133	2024	0.076	
CONROD	2015310	7031	7033	2024	0.076	
CSHEAR	2015312	0162024	6133	7033	7037	6137
CONROD	2015303	6133	7033	2024	0.160	
CONROD	2015304	6137	7037	2024	0.160	
CONROD	2015308	6133	6137	2024	0.076	
CONROD	2015311	7033	7037	2024	0.076	
CSHEAR	2015313	0162024	6137	7037	7039	6139
CONROD	2015305	6137	7037	2024	0.029	
CONROD	2015306	6139	7039	2024	0.029	
CONROD	2015309	6137	6139	2024	0.076	
CONROD	2015312	7037	7039	2024	0.076	
CSHEAR	2015314	0162024	7031	8531	8533	7033
CONROD	2015321	7031	8531	2024	0.044	
CONROD	2015322	7033	8533	2024	0.044	
CONROD	2015325	7031	7033	2024	0.116	
CONROD	2015327	8531	8533	2024	0.116	





+7505AR2	7505	4	15.00	7505	9	-9.76	7505AR3
MPC	8533	3	1.0	7505	3	-1.0	
+7505AR3	7505	4	-10.00	7505	5	-9.76	7505AL1
MPC	8537	1	1.0	7505	1	-1.0	
+7505AL1	7505	5	-15.00	7505	6	-10.00	7505AL2
MPC	8537	2	1.0	7505	2	-1.0	
+7505AL2	7505	4	15.00	7505	6	-9.76	7505AL3
MPC	8537	3	1.0	7505	3	-1.0	
+7505AL3	7505	4	10.00	7505	5	-9.76	

AMMUNITION COVER - WL 46.00  
209-030-217-005  
STA 102.00 TO STA 138.70

DOUBLERS	2170171	9333	209-030-211-007	032	2024	0.027	11533	11531
CONROD	2170101	9333	2024	9333	2024	0.052	11533	
CONROD	2170172	11533	2024	2024	2024	0.027	0.109	
CONROD	2170102	11533	2024	2024	2024	0.052	0.361	
CONROD	2170291	9337	2024	2024	2024	0.027	0.361	13831
CONROD	2170091	9337	2024	2024	2024	0.052	0.109	
CONROD	2170092	11537	2024	2024	2024	0.027	0.370	14831
CONROD	2170092	11537	2024	2024	2024	0.052	14833	
CONROD	2170191	9333	2024	2024	2024	0.032	0.109	11537
CONROD	2360031	9333	7075	7075	2024	0.108	0.109	
CONROD	2170271	13833	2024	2024	2024	0.032	0.361	13837
LOWER SKIN	2110071	0322024	2024	2024	2024	0.032	0.109	
CSHEAR	2110071	9333	2024	2024	2024	0.032	0.109	
CONROD	2110701	9333	2024	2024	2024	0.032	0.109	
CONROD	2110707	9333	2024	2024	2024	0.032	0.109	
CONROD	2110708	9333	2024	2024	2024	0.032	0.109	
CSHEAR	2110072	0322024	2024	2024	2024	0.032	0.109	
CONROD	2110702	11531	2024	2024	2024	0.032	0.109	
CONROD	2110705	11533	2024	2024	2024	0.032	0.109	
CONROD	2110709	11531	2024	2024	2024	0.032	0.109	
CONROD	2110710	13831	2024	2024	2024	0.032	0.109	
CSHEAR	2110073	0322024	2024	2024	2024	0.032	0.109	
CONROD	2110703	13831	2024	2024	2024	0.032	0.109	
CONROD	2110706	13833	2024	2024	2024	0.032	0.109	
CONROD	2110711	13831	2024	2024	2024	0.032	0.109	
CONROD	2110712	14831	2024	2024	2024	0.032	0.109	
CSHEAR	2110051	0322024	2024	2024	2024	0.032	0.109	
CONROD	2110501	9337	2024	2024	2024	0.032	0.109	
CONROD	2110504	9339	2024	2024	2024	0.032	0.109	
CONROD	2110507	9337	2024	2024	2024	0.032	0.109	
CONROD	2110508	11537	2024	2024	2024	0.032	0.109	
CSHEAR	2110052	0322024	2024	2024	2024	0.032	0.109	
CONROD	2110502	11537	2024	2024	2024	0.032	0.109	

CUNROD	2110505	11539	13839	2024	0.109
CUNROD	2110509	11537	11539	2024	0.370
CUNROD	2110510	13837	13839	2024	0.370
CSHEAR	2110503	332024	13837	13839	14839
CUNROD	2110503	13837	14837	2024	0.109
CUNROD	2110506	13839	14839	2024	0.109
CUNROD	2110511	13837	13839	2024	0.157
CUNROD	2110512	14837	14839	2024	0.157
\$ LOWER SKIN	209-030	-011	016		
CSHEAR	2170111	162024	9333	11533	11537
CUNROD	2171101	9333	11533	2024	0.053
CUNROD	2171103	9337	11537	2024	0.053
CUNROD	2171105	9333	9337	2024	0.109
CUNROD	2171106	11533	11537	2024	0.109
CSHEAR	2170112	0162024	11533	13833	13837
CUNROD	2171102	11533	13833	2024	0.053
CUNROD	2171104	11537	13837	2024	0.053
CUNROD	2171107	11533	11537	2024	0.183
CUNROD	2171108	13833	13837	2024	0.183
\$ UPPER SKIN	209-030	-033	012		
SHEAR	2170331	0122024	9333	11533	11537
CUNROD	2173301	9333	11533	2024	0.028
CUNROD	2173303	9337	11537	2024	0.028
CUNROD	2173305	9333	9337	2024	0.075
CUNROD	2173306	11533	11537	2024	0.075
CSHEAR	2170332	0122024	11533	13833	13837
CUNROD	2173302	11533	13833	2024	0.028
CUNROD	2173304	11537	13837	2024	0.028
CUNROD	2173307	11533	11537	2024	0.131
CUNROD	2173308	13833	13837	2024	0.131
\$ \$ \$ \$ \$ \$ \$ \$					
PILOT'S FLOOR - WL 55.00					
209-030-202-001					
\$ STAIR TO STA					148.50
DOUBLERS					
CUNROD	2020291	9343	11543	2024	0.027
CUNROD	1560041	9343	11543	7075	0.132
CUNROD	2020292	11543	13843	2024	0.026
CUNROD	1560042	11543	13843	7075	0.130
CUNROD	2020293	13843	14843	2024	0.030
CUNROD	1560043	13843	14843	7075	0.194
CUNROD	2020271	9347	11547	2024	0.027
CUNROD	1560031	9347	11547	7075	0.124
CUNROD	2020272	11547	13847	2024	0.026
CUNROD	1560032	11547	13847	7075	0.122
CUNROD	2020273	13847	14847	2024	0.030
CUNROD	1560033	13847	14847	7075	0.200
CUNROD	2020171	9343	9347	2024	0.183

		GUNNER/PILOT CONSOLE WEB - RIGHT SIDE			
		STA 61.25 TO STA 186.25			
CUNROD	2020172	13843	13847	2024	0.041
CUNROD	2020173	14843	14847	2024	0.027
\$ LOWER SKIN	2070771	0162024	030-207-077	016	ALUMINUM 9347
CSHEAR	2070771	9343	11543	11547	11547
CUNROD	20707701	9347	11547	2024	0.034
CUNROD	20707704	9347	11547	2024	0.034
CUNROD	20707707	9343	11547	2024	0.150
CUNROD	20707708	11543	11547	2024	0.150
CSHEAR	2070772	0162024	11543	13843	13847
CUNROD	20707702	11543	13843	2024	0.031
CUNROD	20707705	11547	13847	2024	0.031
CUNROD	20707709	11543	11547	2024	0.175
CUNROD	20707710	13843	13847	2024	0.175
CSHEAR	2070773	0162024	13843	14843	13847
CUNROD	20707703	13843	14843	2024	0.029
CUNROD	20707706	13847	14847	2024	0.029
CUNROD	20707711	13843	13847	2024	0.063
CUNROD	20707712	14843	14847	2024	0.063
\$ UPPER SKIN	2070771	209-030-073	020	ALUMINUM 9347	
CSHEAR	2020731	0202024	11543	11547	11547
CUNROD	20207301	9343	11543	2024	0.065
CUNROD	20207304	9347	11547	2024	0.065
CUNROD	20207307	9343	11547	2024	0.200
CUNROD	20207308	11543	11547	2024	0.200
CSHEAR	2020732	0202024	11543	13843	11547
CUNROD	20207302	11543	13843	2024	0.065
CUNROD	20207305	11547	13847	2024	0.065
CUNROD	20207309	11543	11547	2024	0.231
CUNROD	20207310	13843	13847	2024	0.231
CSHEAR	2020733	0202024	13843	14843	13847
CUNROD	20207303	13843	14843	2024	0.065
CUNROD	20207306	13847	14847	2024	0.065
CUNROD	20207311	13843	13847	2024	0.097
CUNROD	20207312	14843	14847	2024	0.097
\$ \$ \$ \$ \$					
GUNNER/PILOT CONSOLE WEB - RIGHT SIDE					
STA 61.25 TO STA 186.25					
\$ LOWER SKIN	2501771	209-030-177	032	ALUMINUM 7061	
CSHEAR	2501771	0322024	6161	7063	7061
CUNROD	25017701	6161	7061	0.084	
CUNROD	25017707	6163	7063	0.084	
CUNROD	25017713	6161	7063	0.153	
CUNROD	25017714	7061	7063	0.153	
CSHEAR	2501772	0322024	7061	8563	8561
CUNROD	25017702	7061	8561	0.098	
CUNROD	25017708	7063	8563	0.098	
CUNROD	25017715	7061	7063	0.232	



CONROD	2108905	11567	13867	2024	0.121	
CONROD	2108911	11569	13869	2024	0.121	
CONROD	2108921	11567	13869	2024	0.267	
CONROD	2108922	13867	13869	2024	0.267	
CSHEAR	2108926	0322024	13867	13869	14869	14867
CONROD	2108906	13867	14867	2024	0.121	
CONROD	2108912	13869	14869	2024	0.121	
CONROD	2108923	13867	13869	2024	0.260	
CONROD	2108924	14867	14869	2024	0.260	
CTRMEM	2108927	0322024	14867	14869	18669	

ENGINE DECK - WL 65.00  
 209-030-209-119  
 STA 213.94 TO STA 250.00

DOUBLERS	2091270	21361	25061	7075	0.038	
CONROD	2091271	21367	25069	7075	0.094	
CONROD	2091272	21361	21363	7075	0.168	
CONROD	2091273	21363	21364	7075	0.168	
CONROD	2091274	21364	21366	7075	0.168	
CONROD	2091275	21366	21367	7075	0.168	
CONROD	2091276	25061	25065	7075	0.051	
CONROD	2091277	25065	25069	7075	0.051	
LOWER SKIN	209-030-209-129	209-030-209-129	25061	25061	GLASS	FABRIC
CTRMEM	2091291	0200076	21361	25061	21363	21364
CSHEAR	2091292	0200076	21363	25061	25065	
CONROD	2092901	21363	25061	0076	0.085	
CONROD	2092902	21364	25065	0076	0.085	
CONROD	2092911	21363	21364	0076	0.359	
CONROD	2092913	25061	25065	0076	0.359	
CTRMEM	2091293	0200076	21364	25065	21366	
CSHEAR	2091294	0200076	21366	25065	25069	21367
CONROD	2092903	21366	25065	0076	0.080	
CONROD	2092904	21367	25069	0076	0.080	
CONROD	2092912	21366	21367	0076	0.359	
CONROD	2092914	25065	25069	0076	0.359	
CTRMEM	2091295	0200076	21367	25069	21369	
UPPER SKIN	209-030-209-125	209-030-209-125	21361	25061	TITANIUM	
CTRMEM	2091251	0169046	21361	25061	21363	21364
CSHEAR	2091252	0169046	21363	25061	25065	
CONROD	2092501	21363	25061	9046	0.068	
CONROD	2092502	21364	25065	9046	0.068	
CONROD	2092511	21363	21364	9046	0.287	
CONROD	2092513	25061	25065	9046	0.287	
CTRMEM	2091253	0169046	21364	25065	21366	
CSHEAR	2091254	0169046	21366	25065	25069	21367
CONROD	2092503	21366	25065	9046	0.064	
CONROD	2092504	21367	25069	9046	0.064	







CONROD	20842334	16487	16489	2024	0.090	
CONROD	20842502	16481	18681	2024	0.045	
CONROD	20802311	16483	18683	7075	0.475	
CONROD	20802332	16487	18687	7075	0.475	
CONROD	2084512	16489	18689	2024	0.045	
CONROD	2084541	18681	18683	2024	0.054	
CONROD	2084542	18683	18685	2024	0.054	
CONROD	2084543	18685	18687	2024	0.054	
CONROD	2084544	18687	18689	2024	0.054	
\$ LOWER SKIN	209-030	208-011	208-011	008	ALUMINUM	
CTRMEM	2080111	0082024	14883	16483	16485	
CTRMEM	2080112	0082024	14887	16485	16487	
CTRMEM	2080113	0082024	14887	16487	16489	14889
CSHEAR	2080114	0082024	14887	2024	0.016	
CONROD	2081101	14887	14889	2024	0.016	
CONROD	2081102	14889	14889	2024	0.036	
CONROD	2081103	14887	14889	2024	0.036	
CONROD	2081104	16487	16489	2024	0.036	
\$ LOWER SKIN	209-030	208-013	208-013	008	ALUMINUM	
CSHEAR	2080131	0082024	16481	18681	18683	16483
CONROD	2081301	16481	18681	2024	0.014	
CONROD	2081302	16483	18683	2024	0.014	
CONROD	2081309	16481	18683	2024	0.075	
CONROD	2081313	18681	18683	2024	0.075	
CSHEAR	2080132	0082024	16483	18683	18685	16485
CONROD	2081303	16483	18683	2024	0.050	
CONROD	2081304	16485	18685	2024	0.050	
CONROD	2081310	16483	18685	2024	0.075	
CONROD	2081314	18683	18685	2024	0.075	16487
CSHEAR	2080133	0082024	16485	18685	18687	
CONROD	2081305	16485	18685	2024	0.050	
CONROD	2081306	16487	18687	2024	0.050	
CONROD	2081311	16485	18687	2024	0.075	
CONROD	2081315	18685	18687	2024	0.075	
CSHEAR	2080134	0082024	16487	18687	18689	16489
CONROD	2081307	16487	18687	2024	0.014	
CONROD	2081308	16489	18689	2024	0.014	
CONROD	2081312	16487	18689	2024	0.075	
CONROD	2081316	18687	18689	2024	0.075	
\$ UPPER SKIN	209-030	208-079	208-079	016	ALUMINUM	
CSHEAR	2080791	0162024	14881	16481	16483	14883
CONROD	2087901	14881	16481	2024	0.047	
CONROD	2087902	14883	16483	2024	0.047	
CONROD	2087905	14881	14883	2024	0.093	
CONROD	2087907	16481	16483	2024	0.093	
CONROD	2080792	0162024	14883	16483	16485	
CTRMEM	2080793	0162024	14883	16485	16487	
CTRMEM	2080794	0162024	14887	16487	16489	14889
CSHEAR	2080795	0162024	14887	16487	16489	

CONROD	2087903	14887	16487	2024	0.047	
CONROD	2087904	14889	16489	2024	0.047	
CONROD	2087906	14887	16489	2024	0.093	
CSHEAR	2087908	16487	16489	2024	0.093	16483
CONROD	2087916	0162024	15481	18681	18683	
CONROD	2087922	16483	18681	2024	0.040	
CONROD	2087929	16481	18683	2024	0.040	
CONROD	2087933	18681	16483	2024	0.175	
CSHEAR	2087977	0162024	16483	2024	0.175	16485
CONROD	2087923	16483	18683	18683	18685	
CONROD	2087924	16485	18683	2024	0.062	
CONROD	2087930	16483	18685	2024	0.062	
CONROD	2087934	18683	16485	2024	0.175	
CSHEAR	2087998	0162024	16485	18685	18687	16487
CONROD	2087925	16485	18685	2024	0.062	
CONROD	2087926	16487	18687	2024	0.062	
CONROD	2087931	16485	16487	2024	0.175	
CONROD	2087935	18685	18687	2024	0.175	
CSHEAR	2087999	0162024	16487	18687	18689	16489
CONROD	2087927	16487	18687	2024	0.040	
CONROD	2087928	16489	18689	2024	0.040	
CONROD	2087932	16487	16489	2024	0.175	
CONROD	2087936	18687	18689	2024	0.175	
\$			LOWER STA	SKINS AND AXIAL MEMBERS		
\$			93.00	93.00 TO STA 138.70		
\$						
\$						
\$						
AXIAL MEMBERS						
CONROD	2030521	9313	11503	2024	0.302	
CONROD	2030522	11503	13803	2024	0.302	
CONROD	2030523	9303	13803	2024	0.065	
CONROD	2030511	9317	11507	2024	0.302	
CONROD	2030512	11507	13807	2024	0.302	
CONROD	2030513	9307	13807	2024	0.065	
LOWER SKINS						
CSHEAR	2030291	0252024	9303	9307	13807	13803
CONROD	2032901	9303	13803	2024	0.250	
CONROD	2032902	9307	13807	2024	0.250	
CONROD	2032903	9303	13807	2024	0.575	
CONROD	2032904	13803	13807	2024	0.575	
\$			LOWER STA	SKINS AND AXIAL MEMBERS		
\$				138.70 TO STA 148.50		
\$						
\$						
\$						
AXIAL MEMBERS						
CONROD	2200441	13801	14801	2024	0.046	
CONROD	1160311	13803	14803	7075	0.521	
CONROD	1150231	13807	14807	7075	0.455	

CONROD	2200431	13809	14809	2024	0.046	13801
\$ LOWER	SKINS					
CSHEAR	2200621	0322024	13821	14821	14801	
CONROD	2206201	13821	14821	2024	0.131	
CONROD	2206202	13801	13801	2024	0.157	
CONROD	2206203	13821	13801	2024	0.157	
CONROD	2206204	14821	14801	14801	14803	13803
CSHEAR	2201011	0252024	13801	2024	0.074	
CONROD	2200101	13801	14801	2024	0.074	
CONROD	2200102	13803	14803	2024	0.123	
CONROD	2200103	13801	13803	2024	0.123	
CONROD	2200104	14801	14803	2024	0.123	
CSHEAR	2201012	0252024	13803	14803	14807	13807
CONROD	2200111	13803	14803	2024	0.250	
CONROD	2200112	13807	14807	2024	0.250	
CONROD	2200113	13803	13807	2024	0.123	
CONROD	2200114	14803	14807	2024	0.123	
CSHEAR	2201013	0252024	13807	14807	14809	13809
CONROD	2200121	13807	14807	2024	0.074	
CONROD	2200122	13809	14809	2024	0.123	
CONROD	2200123	13807	13809	2024	0.123	
CONROD	2200124	14807	14809	2024	0.123	
CSHEAR	2200611	0322024	13829	14829	14809	13809
CONROD	2206101	13809	14809	2024	0.131	
CONROD	2206102	13829	14829	2024	0.131	
CONROD	2206103	13809	13829	2024	0.157	
CONROD	2206104	14809	14829	2024	0.157	

LOWER SKINS AND AXIAL MEMBERS  
STA 156.41 TO STA 186.25

CONROD	2200561	15603	18601	7075	0.117	15601
\$ CONROD	2200551	15607	18607	7075	0.117	
\$ LOWER	SKINS					
CSHEAR	2200771	0252024	15621	18621	18601	
CONROD	2207701	15621	18621	2024	0.089	
CONROD	2207702	15601	18601	2024	0.089	
CONROD	2207703	15621	18601	2024	0.373	
CONROD	2207704	18621	18601	2024	0.373	
CSHEAR	2200772	0252024	15601	18601	18603	15603
CONROD	2207711	15601	18601	2024	0.083	
CONROD	2207712	15603	18603	2024	0.083	
CONROD	2207713	15601	18603	2024	0.373	
CONROD	2207714	18601	18603	2024	0.373	
CSHEAR	2200773	0252024	15603	15607	18607	18603
CONROD	2207721	15603	18603	2024	0.241	
CONROD	2207722	15607	18607	2024	0.241	
CONROD	2207723	15603	15607	2024	0.373	

CONROD	2207774	18603	18607	2024	0.373	15609
CSHEAR	2200774	0252024	15607	18607	18609	
CONROD	2207731	15607	18607	2024	0.083	
CONROD	2207732	15609	18609	2024	0.083	
CONROD	2207733	15607	15609	2024	0.373	
CONROD	2207734	18607	18609	2024	0.373	
CSHEAR	2200775	0252024	15629	18629	18609	15609
CONROD	2207741	15609	18609	2024	0.089	
CONROD	2207742	15629	18629	2024	0.089	
CONROD	2207743	15609	15629	2024	0.373	
CONROD	2207744	18609	18629	2024	0.373	
\$						
\$						
\$						
\$						
AXIAL MEMBER S						
CONROD	2200601	18603	21803	7075	0.117	
CONROD	2200591	18607	21807	7075	0.117	
\$						
LOWER SKINS						
CSHEAR	2200721	0252024	18621	21321	21801	18601
CONROD	2207201	18621	21321	2024	0.092	
CONROD	2207202	18601	21801	2024	0.092	
CONROD	2207203	21321	18601	2024	0.378	
CONROD	2207204	21321	21321	2024	0.378	
CTRMEM	2200722	0252024	21821	21821	21801	18603
CSHEAR	2200723	0252024	18601	21801	21803	
CONROD	2207211	18601	21801	2024	0.077	
CONROD	2207212	18603	21803	2024	0.077	
CONROD	2207213	18601	18603	2024	0.409	
CONROD	2207214	21801	21803	2024	0.409	
CSHEAR	2570011	0242024	18603	18607	21807	21803
CONROD	2570101	18603	21803	2024	0.215	
CONROD	2570102	18607	21807	2024	0.215	
CONROD	2570103	18603	18607	2024	0.393	
CONROD	2570104	21803	21807	2024	0.393	
CSHEAR	2200713	0252024	18607	21807	21809	18609
CONROD	2207101	18607	18607	2024	0.077	
CONROD	2207102	18609	21809	2024	0.077	
CONROD	2207103	18607	18609	2024	0.409	
CONROD	2207104	21807	21809	2024	0.409	
CSHEAR	2200711	0252024	18629	21329	21809	18609
CONROD	2207111	18609	18629	2024	0.092	
CONROD	2207112	18629	21329	2024	0.092	
CONROD	2207113	18609	18629	2024	0.378	
CONROD	2207114	21809	21329	2024	0.378	
CTRMEM	2200712	0252024	21329	21829	21809	
\$						
\$						
\$						
LOWER SKINS AND AXIAL MEMBERS						
STA 186.25 TO STA 218.97						
LOWER SKINS AND AXIAL MEMBERS						
STA 227.62 TO STA 250.00						













CTRMEM	612331	0402024	61233	6131	6133	6127
CQDMEM	612337	0402024	61233	6133	6137	
CTRMEM	612737	0402024	61237	6137	6139	6133
CQDMEM	613143	0402024	6131	6141	6143	6139
CQDMEM	613749	0402024	6137	6147	6149	6143
CQDMEM	614163	0402024	6141	6161	6163	6149
CQDMEM	614769	0402024	6147	6167	6169	
CQDMEM	617161	0322024	6161	6171	6163	
CTRMEM	616779	0322024	6167	6179	6169	

STA 93.00 BULKHEAD  
209-030-102-323

FRAMES AND DOUBLERS

CONROD	930307	9303	9307	2024	0.095	
CONROD	931317	9313	9317	2024	0.151	
CONROD	933133	9331	9333	2024	0.397	
CONROD	933337	9333	9339	2024	0.261	
CONROD	933739	9337	9347	2024	0.374	
CONROD	934143	9341	9349	2024	0.357	
CONROD	934749	9347	9343	2024	0.191	
CONROD	936143	9361	9369	2024	0.194	
CONROD	936163	9361	9373	2024	0.202	
CONROD	936769	9367	9377	2024	0.188	
CONROD	937173	9371	9379	2024	0.202	
CONROD	937377	9373	9381	2024	0.051	
CONROD	937779	9377	9383	2024	0.080	
CONROD	930313	9303	9313	2024	0.333	
CONROD	933113	9331	9341	2024	0.333	
CONROD	934161	9341	9351	2024	0.092	
CONROD	936171	9361	9371	2024	0.209	
CONROD	931333	9313	9323	2024	0.333	
CONROD	933343	9333	9343	2024	0.242	
CONROD	934363	9343	9353	2024	0.100	
CONROD	936373	9363	9373	2024	0.051	
CONROD	930717	9307	9317	2024	0.209	
CONROD	933717	9337	9347	2024	0.510	
CONROD	933747	9337	9347	2024	0.374	
CONROD	936767	9367	9377	2024	0.100	
CONROD	936777	9367	9377	2024	0.100	
CONROD	931739	9317	9329	2024	0.080	
CONROD	933949	9339	9349	2024	0.314	
CONROD	934969	9349	9359	2024	0.188	
CONROD	936979	9369	9379	2024	0.092	
\$ SHEAR WEBS						
CQDMEM	930317	0252024	9303	9313	9317	9307
CTRMEM	931331	0242024	9313	9331	9333	

CQDMEM	931337	0242024	9313	9333	9337	9317
CTRMEM	931737	0242024	9317	9337	9339	
CQDMEM	933143	0857075	9331	9341	9343	9333
CQDMEM	934361	0402024	9343	9361	9363	
CQDMEM	934367	0242024	9343	9363	9367	9347
CQDMEM	934769	0402024	9347	9367	9369	9349
CQDMEM	936173	0492024	9361	9371	9373	9363
CQDMEM	936377	0242024	9363	9373	9377	9367
CQDMEM	936779	0492024	9367	9377	9379	9369

STA 138.70 BULKHEAD  
209-030-103-159

FRAMES AND DOUBLERS

CONROU	1380103	13801	13803	2024	0.078	
CONROU	1380307	13803	13807	7075	0.184	
CONROU	1380709	13807	13809	2024	0.078	
CONROU	1382123	13821	13823	2024	0.070	
CONROU	1382327	13823	13827	7075	0.130	
CONROU	1382729	13827	13829	2024	0.070	
CONROU	1383133	13831	13833	7075	0.168	
CONROU	1383337	13833	13837	7075	0.168	
CONROU	1383739	13837	13839	7075	0.224	
CONROU	1384143	13841	13843	2024	0.056	
CONROU	1384347	13843	13847	2024	0.108	
CONROU	1386163	13861	13863	2024	0.059	
CONROU	1386769	13867	13869	2024	0.047	
CONROU	1382101	13821	13823	2024	0.078	
CONROU	1383141	13831	13833	2024	0.057	
CONROU	1384161	13841	13843	2024	0.104	
CONROU	1380323	13803	13807	2024	0.104	
CONROU	1382333	13823	13827	7075	0.863	
CONROU	1383343	13833	13837	7075	0.116	
CONROU	1384363	13843	13847	7075	0.244	
CONROU	1382707	13827	13829	7075	0.128	
CONROU	1382737	13827	13829	7075	0.116	
CONROU	1383747	13837	13839	7075	0.116	
CONROU	1384767	13847	13849	7075	0.128	
CONROU	1380929	13809	13811	2024	0.078	
CONROU	1382939	13829	13831	2024	0.061	
CONROU	1383949	13839	13841	2024	0.061	
CONROU	1384969	13849	13851	2024	0.104	
SHEAR WEBS	1380121	0402024	13801	13821	13823	
CTRMEM	1380123	0402024	13801	13821	13823	13807
CQDMEM	1380327	0402024	13803	13823	13827	
CTRMEM	1380727	0402024	13807	13827	13809	

CENTER FUSELAGE SUBASSEMBLY

STA 148.50 BULKHEAD  
209-030-104-011

## FRAMES AND DOUBLERS

CONROD	1480103	14801	14803	14807	14809	14803	7075	14803	7075	0-130
CONROD	1480307	14803	14807	14809	14809	14807	7075	14807	7075	0-130
CONROD	1480709	14821	14821	14821	14823	14823	7075	14821	7075	0-293
CONROD	14822327	14822	14822	14822	14827	14827	7075	14822	7075	0-316
CONROD	1482729	14831	14831	14831	14833	14833	7075	14831	7075	0-293
CONROD	14831337	14833	14833	14833	14837	14837	7075	14833	7075	0-155
CONROD	14833339	14837	14837	14837	14843	14843	7075	14837	7075	0-155
CONROD	14843347	14843	14843	14843	14861	14861	7075	14843	7075	0-1527
CONROD	1486163	14861	14861	14861	14867	14867	7075	14861	7075	0-277
CONROD	1486367	14867	14867	14867	14881	14881	7075	14867	7075	0-277
CONROD	1488183	14883	14883	14883	14887	14887	7075	14883	7075	0-155
CONROD	1488387	14887	14887	14887	14889	14889	7075	14887	7075	0-155
CONROD	1488789	14891	14891	14891	14899	14899	7075	14889	7075	0-130
CONROD	1482131	14821	14821	14821	14831	14831	7075	14821	7075	0-130
CONROD	1483141	14831	14831	14831	14841	14841	7075	14831	7075	0-130
CONROD	1484161	14841	14841	14841	14861	14861	7075	14841	7075	0-121
CONROD	1486181	14861	14861	14861	14881	14881	7075	14861	7075	0-124
CONROD	14803233	14823	14823	14823	14833	14833	7075	14823	7075	0-284
CONROD	14823333	14833	14833	14833	14843	14843	7075	14833	7075	0-334
CONROD	14833343	14843	14843	14843	14863	14863	7075	14843	7075	0-334
CONROD	14843363	14863	14863	14863	14877	14877	7075	14863	7075	0-234
CONROD	14827077	14807	14807	14807	14827	14827	7075	14807	7075	0-292
CONROD	14827377	14827	14827	14827	14837	14837	7075	14827	7075	0-342
CONROD	14837477	14847	14847	14847	14867	14867	7075	14847	7075	0-342
CONROD	14847677	14867	14867	14867	14889	14889	7075	14867	7075	0-130
CONROD	1480929	14809	14809	14809	14829	14829	7075	14809	7075	0-130
CONROD	1482939	14839	14839	14839	14849	14849	7075	14829	7075	0-130
CONROD	1483949	14849	14849	14849	14869	14869	7075	14839	7075	0-130
CONROD	1484969	14849	14849	14849	14869	14869	7075	14849	7075	0-130

	1486989	14869	14889	7075	0.121
CUNROD	1486989	14869	14889	14821	14823
\$ SHEAR	1480121	0727075	14801	14823	14803
CTRMEM	1480123	0727075	14801	14823	14827
CQDMEM	1480327	0727075	14803	14827	14809
CTRMEM	1480727	0727075	14807	14827	14829
CQDMEM	1480927	0727075	14809	14827	14833
CTRMEM	1482133	0327075	14821	14833	14837
CQDMEM	1482337	0169046	14823	14833	14839
CTRMEM	1482739	0327075	14827	14833	14847
CQDMEM	1483143	0327075	14831	14843	14849
CTRMEM	1483347	0169046	14833	14843	14847
CQDMEM	1483749	0327075	14837	14843	14849
CTRMEM	1484163	0327075	14841	14843	14849
CQDMEM	1484367	0169046	14843	14843	14849
CTRMEM	1484769	0327075	14847	14843	14849
CQDMEM	1486183	0227075	14861	14843	14849
CTRMEM	1486387	0227075	14863	14843	14849
CQDMEM	1486789	0227075	14867	14843	14849

STA 156.41 BULKHEAD  
209-030-105-001

	1560121	15621	15623	15625	15627	15629
CUNROD	1560121	15621	15623	15625	15627	15629
\$ SHEAR	1560123	15621	15623	15625	15627	15629
CTRMEM	1560323	15621	15623	15625	15627	15629
CQDMEM	1560325	15621	15623	15625	15627	15629
CTRMEM	1560727	15621	15623	15625	15627	15629
CQDMEM	1560927	15621	15623	15625	15627	15629



STA 186.25 BULKHEAD  
209-030-107-009

	1860103	18601	18603	18607	18609	18621	18623	18625	18627	18629
CUNROD	1860103	18601	18603	18607	18609	18621	18623	18625	18627	18629
\$ FRAMES AND DOUBLERS	1860307	18601	18603	18607	18609	18621	18623	18625	18627	18629
CONROD	1860709	18601	18603	18607	18609	18621	18623	18625	18627	18629
CUNROD	1862123	18621	18623	18625	18627	18629	18621	18623	18625	18627
CQDMEM	1862325	18623	18625	18627	18629	18621	18623	18625	18627	18629
CTRMEM	1862527	18625	18627	18629	18621	18623	18625	18627	18629	18621
CQDMEM	1862729	18627	18629	18621	18623	18625	18627	18629	18621	18623
CTRMEM	1868183	18681	18683	18685	18687	18689	18621	18623	18625	18627
CQDMEM	1868385	18683	18685	18687	18689	18621	18623	18625	18627	18629
CTRMEM	1868587	18685	18687	18689	18621	18623	18625	18627	18629	18621
CQDMEM	1868789	18687	18689	18621	18623	18625	18627	18629	18621	18623
CTRMEM	1862101	18621	18623	18625	18627	18629	18621	18623	18625	18627
CQDMEM	1862131	18621	18623	18625	18627	18629	18621	18623	18625	18627





[illegible]

CONROD	1876357	18657	18663	2014	0.147		WEB
CONROD	1874352	18652	18663	2014	0.147		WEB
CONROD	1876343	18643	18663	2014	0.217		WEB
CONROD	1874352	1252014	18663	18652	18667	18647	WEB
CONROD	1875847	1252014	18653	18658	18667		WEB
CONROD	1876747	18647	18667	2014	0.217		WEB
CONROD	1875347	18647	18653	2014	0.147		WEB
CONROD	1875867	18667	18658	2014	0.147		WEB
CONROD	1874853	1252014	18647	18648	18653		WEB
CONROD	1875953	1252014	18654	18659	18658	18653	WEB
CONROD	1875958	18658	18659	2014	0.0985		WEB
CONROD	1875953	18653	18658	2014	0.342		WEB
CONROD	1875954	18654	18659	2014	0.125		WEB
CONROD	1875448	1252014	18649	18654	18653	18648	WEB
CONROD	1875453	18653	18654	2014	0.1441		WEB
CONROD	1875449	18649	18654	2014	0.125		WEB
CONROD	1875348	18648	18653	2014	0.125		WEB
CONROD	1874948	18648	18649	2014	0.0456		WEB
LUGS / FORWARD CARRY-THRU SPAR STA 186.25							
CBAR	1864100	1864100	18641	61918	0.0	1.0	F6 LUGR
PBAR	1864100	2014	0.3672	0.0458	0.433	1.0	F4 LUGR
CBAR	1865100	1865100	18651	61916	0.0	1.0	F3 LUGR
CBAR	1865100	2014	0.4237	0.0703	0.5	1.0	F1 LUGR
CBAR	1865600	1865600	18656	61914	0.0	1.0	F6 LUGL
CBAR	1865600	2014	0.4237	0.0703	0.5	1.0	F4 LUGL
CBAR	1866100	1866100	18661	61912	0.0	1.0	F3 LUGL
CBAR	1866100	2014	0.4237	0.0703	0.5	1.0	F1 LUGL
CBAR	1864900	1864900	18649	71918	0.0	1.0	
CBAR	1864900	2014	0.3672	0.0458	0.433	1.0	
CBAR	1865400	1865400	18654	71916	0.0	1.0	
CBAR	1865400	2014	0.4237	0.0703	0.5	1.0	
CBAR	1865900	1865900	18659	71914	0.0	1.0	
CBAR	1865900	2014	0.4237	0.0703	0.5	1.0	
CBAR	1866900	1866900	18669	71912	0.0	1.0	
CBAR	1866900	2014	0.4237	0.0703	0.5	1.0	
CENTER WING CARRY-THRU SPAR 209-030-141							
FRAMES AND DOUBLERS							
CBAR	1974142	1974142	19741	19742	0.0	1.0	
PBAR	1974142	2014	2.453	0.965	10.405	1.0	
CBAR	1974243	1974243	19742	19743	0.0	1.0	
PBAR	1974243	2014	1.65	0.0495	1.04	1.0	1974243

CBAR	1974345	1974345	19743	19745	0.0	0.0	1.0	1.0	1	1974748
PBAR	1974345	2014	1.65	0.0	1.04	0.0	1.0	1.0	1	
CBAR	1974547	1974547	19745	19747	0.0	0.0	1.0	1.0	1	
PBAR	1974547	2014	1.65	0.0	1.04	0.0	1.0	1.0	1	
CBAR	1974748	1974748	19747	19748	0.0	0.0	1.0	1.0	1	
+1974748	6									
PBAR	1974748	2014	1.65	0.0495	1.04	0.171	1.0	1.0	1	
CBAR	1974849	1974849	19748	19749	0.0	0.0	1.0	1.0	1	
PBAR	1974849	2014	2.453	0.965	10.405	0.497	1.0	1.0	1	
CBAR	1975152	1975152	19751	19752	0.0	0.0	1.0	1.0	1	
PBAR	1975152	2014	1.283	0.113	2.156	0.0749	1.0	1.0	1	
CBAR	1975859	1975859	19758	19759	0.0	0.0	1.0	1.0	1	
PBAR	1975859	2014	1.283	0.113	2.156	0.0749	1.0	1.0	1	
CBAR	1976162	1976162	19761	19762	0.0	0.0	1.0	1.0	1	
PBAR	1976162	2014	2.019	0.437	13.573	0.174	1.0	1.0	1	
CBAR	1976263	1976263	19762	19763	0.0	0.0	1.0	1.0	1	1976263
+1976263	6									
PBAR	1976263	2014	2.0625	0.0967	1.3	0.32	1.0	1.0	1	
CBAR	1976365	1976365	19763	19765	0.0	0.0	1.0	1.0	1	
PBAR	1976365	2014	2.0625	0.0	1.3	0.0	1.0	1.0	1	
CBAR	1976567	1976567	19765	19767	0.0	0.0	1.0	1.0	1	
PBAR	1976567	2014	2.0625	0.0	1.3	0.0	1.0	1.0	1	
CBAR	1976768	1976768	19767	19768	0.0	0.0	1.0	1.0	1	1976768
+1976768	6									
PBAR	1976768	2014	2.0625	0.0967	1.3	0.32	1.0	1.0	1	
CBAR	1976869	1976869	19768	19769	0.0	0.0	1.0	1.0	1	
PBAR	1976869	2014	2.019	0.437	13.573	0.174	1.0	1.0	1	
CBAR	1974151	1974151	19741	19741	0.0	0.0	1.0	1.0	1	
PBAR	1974151	2014	1.845	0.0258	3.113	0.103	1.0	1.0	1	
CBAR	1975161	1975161	19751	19751	0.0	0.0	1.0	1.0	1	
PBAR	1975161	2014	1.845	0.0258	3.113	0.103	1.0	1.0	1	
CBAR	1974252	1974252	19742	19752	0.0	0.0	1.0	1.0	1	
PBAR	1974252	2014	0.825	0.0062	0.52	0.023	1.0	1.0	1	
CBAR	1975262	1975262	19752	19762	0.0	0.0	1.0	1.0	1	
PBAR	1975262	2014	0.825	0.0062	0.52	0.023	1.0	1.0	1	
CBAR	1974363	1974363	19743	19763	0.0	0.0	1.0	1.0	1	
PBAR	1974363	2014	0.825	0.0	0.52	0.0	1.0	1.0	1	
CONROD	1974565	19745	19745	2014	0.0	0.825	1.0	1.0	1	
CBAR	1974767	1974767	19747	19767	0.0	0.0	1.0	1.0	1	
PBAR	1974767	2014	0.825	0.0	0.52	0.0	1.0	1.0	1	
CBAR	1974858	1974858	19748	19758	0.0	0.0	1.0	1.0	1	
PBAR	1974858	2014	0.825	0.0062	0.52	0.023	1.0	1.0	1	
CBAR	1975868	1975868	19758	19768	0.0	0.0	1.0	1.0	1	
PBAR	1975868	2014	0.825	0.0062	0.52	0.023	1.0	1.0	1	
CBAR	1974959	1974959	19749	19759	0.0	0.0	1.0	1.0	1	
PBAR	1974959	2014	1.845	0.0258	3.113	0.103	1.0	1.0	1	
CBAR	1975969	1975969	19759	19769	0.0	0.0	1.0	1.0	1	
PBAR	1975969	2014	1.845	0.0258	3.113	0.103	1.0	1.0	1	
SHEAR WEBS										





CQDMEM	2132547	0129046	21325	21345	21347	21327
CQDMEM	2132749	0129046	21327	21347	21349	21329
CQDMEM	2134163	1007075	21341	21361	21363	21343
CQDMEM	2134364	0507075	21343	21363	21364	21345
CQDMEM	2134564	0507075	21345	21366	21366	
CQDMEM	2134567	0507075	21345	21367	21367	21347
CQDMEM	2134769	1007075	21347	21367	21369	21349

STA 218.97 BULKHEAD  
209-030-109-005

SHEAR WEBS						
CIRMEN	2180121	0252024	21801	21821	21823	
CIRMEN	2180123	0252024	21801	21823	21803	
CIRMEN	2180323	0252024	21803	21825	21825	
CIRMEN	2180325	0252024	21803	21827	21807	
CIRMEN	2180727	0252024	21807	21827	21827	
CIRMEN	2180927	0252024	21809	21827	21809	
CIRMEN				21827	21829	

STA 227.62 BULKHEAD  
209-030-110-005

SHEAR WEBS						
CIRMEN	2270121	0252024	22701	22721	22723	
CIRMEN	2270123	0252024	22701	22723	22703	
CIRMEN	2270323	0252024	22703	22725	22725	
CIRMEN	2270325	0252024	22703	22727	22707	
CIRMEN	2270727	0252024	22707	22727	22727	
CIRMEN	2270927	0252024	22709	22727	22709	
CIRMEN				22727	22729	

STA 250.00 BULKHEAD  
209-030-111-107

FRAMES AND DOUBLERS						
CONROD	2500103	25001	25003	2024	0.039	
CONROD	2500307	25003	25007	2024	0.039	
CONROD	2500709	25007	25009	2024	0.039	
CONROD	2502125	25021	25025	2024	0.299	
CONROD	2502529	25025	25029	2024	0.299	
CONROD	2506165	25061	25065	2024	0.489	
CONROD	2506569	25065	25069	2024	0.489	
CONROD	2502101	25021	25021	2024	0.039	
CONROD	2502141	25021	25021	2024	0.039	
CONROD	2504161	25041	25041	2024	0.266	
CONROD	2500929	25009	25029	2024	0.266	
CONROD	2502949	25029	25029	2024	0.039	
CONROD	2504969	25049	25049	2024	0.266	





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CENTER SPAR / RIGHT WING									
209-020-102									
CONROD	6505912	65011	65911	2014	0.118				WEB
CSHEAR	6221119	150	62213	62811	62819	62217			
CSHEAR	6281119	12966	62811	63411	63419	62819			
CSHEAR	6341119	12728	63411	64211	64219	63419			
CSHEAR	6421119	12384	64211	65011	65019	64219			
CSHEAR	6501119	11916	65011	65911	65919	65019			
CBAR	6222817	6222817	62217	62819	0.0	0.0	1.0	1	6222817
+6222817	456								
PBAR	6222817	2014	1.355	0.07213	0.67968	0.04572			
CONROD	6222819	62219	62819	2014	0.43668				WEB
CONROD	6222818	62217	62819	2014	0.1875				CAP
CONROD	6283419	62819	63419	2014	0.40783				CAP
CONROD	6283418	62819	63419	2014	0.19325				CAP
CONROD	6344219	63419	64219	2014	0.40412				CAP
CONROD	6344218	63419	64219	2014	0.17038				CAP
CONROD	6425019	64219	65019	2014	0.39860				CAP
CONROD	6425018	64219	65019	2014	0.144				CAP
CONROD	6505919	65019	65919	2014	0.39083				CAP
CONROD	6505918	65019	65919	2014	0.118				WEB
\$ \$ \$									
CBAR	6222821	6222821	62221	62821	0.0	0.0	1.0	1	6222821
+6222821	456								
PBAR	6222821	2014	1.34058	0.52308	0.99587	0.00910			
CONROD	6222824	6222824	62224	62821	0.0	0.0	1.0	1	6222824
+6222824	456								
PBAR	6222824	2014	1.45	0.14717	0.63501	0.00910			
CONROD	6222822	62224	62821	2014	0.21559				WEB
CONROD	6283422	62821	63421	2014	1.24010				CAP
CONROD	6283421	62821	63421	2014	0.26034				WEB
CONROD	6344221	63421	64221	2014	0.94412				CAP
CONROD	6344222	63421	64221	2014	0.23200				WEB
CONROD	6425021	64221	65021	2014	0.50055				CAP
CONROD	6425022	64221	65021	2014	0.20207				WEB
CONROD	6505921	65021	65921	2014	0.43588				CAP
CONROD	6505922	65021	65921	2014	0.17075				WEB
CSHEAR	6222129	18157	62224	62821	62829	62226			
CSHEAR	6282129	17735	62821	63421	63429	62829			
CSHEAR	6342129	17490	63421	64221	64229	63429			
CSHEAR	6422129	17410	64221	65021	65029	64229			
CSHEAR	6502129	17088	65021	65921	65929	65029			
CBAR	6222826	6222826	62226	62829	0.0	0.0	1.0	1	6222826
+6222826	456								
PBAR	6222826	2014	1.41	0.14991	0.65619	0.00910			
CONROD	6222829	6222829	62229	62829	0.0	0.0	1.0	1	6222829
+6222829	456								
PBAR	6222829	2014	0.97873	0.21703	0.86254	0.00910			



CQDMEM	6501121	0637075	65011	65021	65921	65911
CQDMEM	6222131	0637075	62221	62231	62831	62821
CQDMEM	6282131	0637075	62821	62831	63431	63421
CQDMEM	6342131	0637075	63421	63431	64231	64221
CQDMEM	6422131	0637075	64221	64231	65031	65021
CQDMEM	6502131	0637075	65021	65031	65931	65921

BOTTOM SKIN / RIGHT WING

CQDMEM	6221929	0637075	62219	62229	62829	62819
CQDMEM	6281929	0637075	62819	62829	63429	63419
CQDMEM	6341929	0637075	63419	63429	64229	64219
CQDMEM	6421929	0637075	64219	64229	65029	65019
CQDMEM	6501929	0637075	65019	65029	65929	65919
CQDMEM	6222939	0637075	62229	62239	62839	62829
CQDMEM	6282939	0637075	62829	62839	63439	63429
CQDMEM	6342939	0637075	63429	63439	64239	64229
CQDMEM	6422939	0637075	64229	64239	65039	65029
CQDMEM	6502939	0637075	65029	65039	65939	65929

WS 22.19 RIB

CQDMEM	6221124	1252014	62211	62221	62224	62213
CQDMEM	6221326	1252014	62213	62224	62226	62217
CQDMEM	6221729	1252014	62217	62226	62229	62219
CQDMEM	6222431	1252014	62224	62229	62231	62226
CQDMEM	6222639	1252014	62226	62231	62239	62226

WS 28.00 RIB

CQDMEM	6281129	1252014	62811	62821	62829	62819
CQDMEM	6282139	1252014	62821	62831	62839	62829

WS 34.00 RIB

CQDMEM	6341129	1252014	63411	63421	63429	63419
CQDMEM	6342139	1252014	63421	63431	63439	63429

WS 42.50 RIB

CQDMEM	6421129	1252014	64211	64221	64229	64219
CQDMEM	6422139	1252014	64221	64231	64239	64229

HARD POINT FOR ATTACHING INBOARD WING STORES - RIGHT SIDE

MPC	1000	64229	4	1.0	64221	2	R 1/8 4
+R 1/8	4	64229	2	-1.13423			
MPC	1000	64229	5	1.0	64219	3	R 1/8 5

8-123

PBAR	6361922	2014	0.98648	0.04328	0.37096	0.13655	
\$							
\$							
\$							
MPCCFRU1	1000	61913	1	1.0	61914	1	-518952
MPCCFRU2	1000	61912	1	-481048	61914	2	-518952
MPCCFRU3	1000	61913	2	-481048	61914	3	-1.0
MPCCFRU4	1000	61914	3	1.0	61913	3	-1.0
MPCCFRU5	1000	61915	4	1.0	61913	4	-1.0
MPCCFRU6	1000	61916	4	1.0	61913	4	-1.0
MPCCFRU7	1000	61917	5	1.0	61913	5	-1.0
MPCCFRU8	1000	61918	5	1.0	61913	5	-1.0
MPCCFRU9	1000	61919	4	1.0	61914	2	-403226
MPCCFRU10	1000	61920	2	-403226	61914	1	-403226
MPCCFRU11	1000	61921	1	-403226	61918	1	-457078
MPCCFRU12	1000	61922	1	-542922	61918	2	-457078
MPCCFRU13	1000	61923	2	-542922	61918	3	-1.0
MPCCFRU14	1000	61924	3	1.0	61917	3	-1.0
MPCCFRU15	1000	61925	3	1.0	61917	4	-1.0
MPCCFRU16	1000	61926	4	1.0	61917	4	-1.0
MPCCFRU17	1000	61927	4	1.0	61917	5	-1.0
MPCCFRU18	1000	61928	5	1.0	61917	5	-1.0
MPCCFRU19	1000	61929	5	1.0	61918	2	-456621
MPCCFRU20	1000	61930	4	-456621	61918	1	-456621
MPCCFRU21	1000	61931	2	-456621	61918	1	-456621
\$							
\$							
\$							
MPCCRU1	1000	61923	1	1.0	61924	1	-520710
MPCCRU2	1000	61924	1	-479290	61924	2	-520710
MPCCRU3	1000	61925	2	-479290	61924	3	-1.0
MPCCRU4	1000	61926	3	1.0	61923	3	-1.0
MPCCRU5	1000	61927	4	1.0	61923	4	-1.0
MPCCRU6	1000	61928	4	1.0	61923	4	-1.0
MPCCRU7	1000	61929	5	1.0	61923	5	-1.0
MPCCRU8	1000	61930	5	1.0	61923	5	-1.0
MPCCRU9	1000	61931	4	1.0	61924	2	-591716
MPCCRU10	1000	61932	2	-591716	61924	1	-591716
MPCCRU11	1000	61933	2	-591716	61924	1	-591716
MPCCRU12	1000	61934	5	1.0	61924	1	-591716
MPCCRU13	1000	61935	1	-591716	61924	1	-591716
\$							
\$							
\$							
MPCCRU1	1000	61923	1	1.0	61924	1	-520710
MPCCRU2	1000	61924	1	-479290	61924	2	-520710
MPCCRU3	1000	61925	2	-479290	61924	3	-1.0
MPCCRU4	1000	61926	3	1.0	61923	3	-1.0
MPCCRU5	1000	61927	4	1.0	61923	4	-1.0
MPCCRU6	1000	61928	4	1.0	61923	4	-1.0
MPCCRU7	1000	61929	5	1.0	61923	5	-1.0
MPCCRU8	1000	61930	5	1.0	61923	5	-1.0
MPCCRU9	1000	61931	4	1.0	61924	2	-591716
MPCCRU10	1000	61932	2	-591716	61924	1	-591716
MPCCRU11	1000	61933	2	-591716	61924	1	-591716
MPCCRU12	1000	61934	5	1.0	61924	1	-591716
MPCCRU13	1000	61935	1	-591716	61924	1	-591716

MPCCRL1	1000	61927	1	1.0	61928	1	-0.40	MPCCRL1
+MPCCRL1		61926	1	-0.60				
MPCCRL2	1000	61927	2	1.0	61928	2	-0.40	MPCCRL2
+MPCCRL2		61926	2	-0.60				
MPCCRL3	1000	61928	3	1.0	61927	3	-1.0	
MPCCRL4	1000	61926	3	1.0	61927	3	-1.0	
MPCCRL5	1000	61927	4	1.0	61928	4	-1.0	
	1000	61926	4	1.0	61927	4	-1.0	
	1000	61927	5	1.0	61928	5	-1.0	
	1000	61926	5	1.0	61927	5	-1.0	
MPCCRL4	1000	61927	2	1.0	61928	2	-0.588235	MPCCRL4
+MPCCRL5		61926	2	-0.588235				
	1000	61927	1	1.0	61928	1	0.588235	MPCCRL5
		61926	1	-0.588235				

AFT SPAR LUG PIN / RIGHT WING

MPCCRL1	1000	61935	1	1.0	61936	1	-0.477612	MPCCRL1
+MPCCRL1		61934	1	-0.522388				
MPCCRL2	1000	61935	2	1.0	61936	2	-0.477612	MPCCRL2
+MPCCRL2		61934	2	-0.522388				
MPCCRL3	1000	61936	3	1.0	61935	3	-1.0	
MPCCRL4	1000	61934	3	1.0	61935	3	-1.0	
MPCCRL5	1000	61935	4	1.0	61936	4	-1.0	
	1000	61934	4	1.0	61935	4	-1.0	
	1000	61935	5	1.0	61936	5	-1.0	
	1000	61934	5	1.0	61935	5	-1.0	
MPCCRL4	1000	61935	2	1.0	61936	2	-0.746269	MPCCRL4
+MPCCRL5		61934	2	-0.746269				
	1000	61935	1	1.0	61936	1	0.746269	MPCCRL5
		61934	1	-0.746269				

WING / LEFT SIDE  
209-020-001

FORWARD SPAR / LEFT WING  
209-020-101

CONROD	7222811	72211	72811	2014	0.43811	0.0	1.0	1	7222813
CBAR	7222813	7222813	72213	72811	0.0	0.0			
+7222813		456							
PRAR	7222813	2014	1.790	0.20869	1.02299	0.09952			
CONROD	7222812	72213	72811	2014	0.1875				WEB
CONROD	7283411	72811	73411	2014	0.41152				CAP
CONROD	7283412	72811	73411	2014	0.19325				WEB
CONROD	7344211	73411	74211	2014	0.40701				CAP
CONROD	7344212	73411	74211	2014	0.17038				WEB
CONROD	7425011	74211	75011	2014	0.40060				CAP

CONROD	7425012	74211	75011	2014	0.144	0.0	1	7222817	WEB
CONROD	7505911	75011	75911	2014	0.39246	0.0			CAP
CONROD	7505912	75011	75911	2014	0.118	0.0			WEB
CSHEAR	7221119	150	72213	72811	72811	72217			
CSHEAR	7281119	12966	72811	73411	73411	73419			
CSHEAR	7341119	12728	73411	74211	74211	74219			
CSHEAR	7421119	12381	74211	75011	75011	75019			
CSHEAR	7501119	11916	75011	75911	75911	75019			
CSBAR	7222817	7222817	72217	72819	0.0	0.0	1.0	7222817	
+7222817	456	456	1.355	0.07213	0.67968	0.04572			
PBAR	7222817	2014	72819	2014	0.43668				
CONROD	7222819	72219	72819	2014	0.1875				WEB
CONROD	7222818	72217	72819	2014	0.40783				CAP
CONROD	7283419	72819	73419	2014	0.19325				WEB
CONROD	7283418	72819	73419	2014	0.40412				CAP
CONROD	7344219	73419	74219	2014	0.17038				WEB
CONROD	7344218	73419	74219	2014	0.39860				CAP
CONROD	7425019	74219	75019	2014	0.144				WEB
CONROD	7425018	74219	75019	2014	0.39083				CAP
CONROD	7505918	75019	75919	2014	0.118				WEB
CONROD	7505918	75019	75919	2014					

CENTER SPAC / LEFT WING  
209-020-102

CBAR	7222821	7222821	72221	72821	0.0	0.0	1.0	7222821	WEB
+7222821	456	456	1.34058	0.52308	0.99587	0.00910			CAP
PBAR	202821	2014	72224	72821	0.0	0.0	1.0	7222824	WEB
CBAR	7222824	7222824	72224	72821	0.0	0.0	1.0		CAP
+7222824	456	456	1.45	0.14717	0.63501	0.00910			WEB
CONROD	7222824	72224	72821	2014	0.21559				CAP
CONROD	7283421	72821	73421	2014	1.24010				WEB
CONROD	7283421	72821	73421	2014	0.26034				CAP
CONROD	7344221	73421	74221	2014	0.94412				WEB
CONROD	7344222	73421	74221	2014	0.23200				CAP
CONROD	7425021	74221	75021	2014	0.50055				WEB
CONROD	7425022	74221	75021	2014	0.20207				CAP
CONROD	7505921	75021	75921	2014	0.43588				WEB
CONROD	7505922	75021	75921	2014	0.17075				CAP
CSHEAR	7222129	18157	72224	72821	72821	72226			
CSHEAR	7282129	17735	72821	73421	73421	72829			
CSHEAR	7342129	17490	73421	74221	74221	73429			
CSHEAR	7422129	17410	74221	75021	75021	74229			
CSHEAR	7502129	17088	75021	75921	75921	75029			
CSBAR	7222826	7222826	72226	72829	0.0	0.0	1.0	7222826	
+7222826	456	456	1.41	0.14991	0.65619	0.00910			
PBAR	7222826	2014	72229	72829	0.0	0.0	1.0	7222829	WEB
CBAR	7222829	7222829	72229	72829	0.0	0.0	1.0		CAP



[illegible]

CQDMEM	7341121	0637075	73411	73421	74221	74211
CQDMEM	7421121	0637075	74211	74221	75021	75011
CQDMEM	7501121	0637075	75011	75021	75921	75911
CQDMEM	7222131	0637075	72221	72231	72831	72821
CQDMEM	7282131	0637075	72821	72831	73431	73421
CQDMEM	7342131	0637075	73421	73431	74231	74221
CQDMEM	7422131	0637075	74221	74231	75031	75021
CQDMEM	7502131	0637075	75021	75031	75931	75921

BOTTOM SKIN / LEFT WING

CQDMEM	7221929	0637075	72219	72229	72829	72819
CQDMEM	7281929	0637075	72819	72829	73429	73419
CQDMEM	7341929	0637075	73419	73429	74229	74219
CQDMEM	7421929	0637075	74219	74229	75029	75019
CQDMEM	7501929	0637075	75019	75029	75929	75919
CQDMEM	7222939	0637075	72229	72239	72839	72829
CQDMEM	7282939	0637075	72829	72839	73439	73429
CQDMEM	7342939	0637075	73429	73439	74239	74229
CQDMEM	7422939	0637075	74229	74239	75039	75029
CQDMEM	7502939	0637075	75029	75039	75939	75929

WS -22.19 RIB

CQDMEM	7221124	1252014	72211	72221	72224	72213
CQDMEM	7221329	1252014	72213	72224	72226	72217
CQDMEM	7221729	1252014	72217	72226	72229	72219
CTRMEN	7222431	1252014	72224	72231	72231	
CQDMEM	7222439	1252014	72224	72231	72239	72226
CTRMEN	7222639	1252014	72226	72239	72239	

WS -28.00 RIB

CQDMEM	7281129	1252014	72811	72821	72829	72819
CQDMEM	7282139	1252014	72821	72831	72839	72829

WS -34.00 RIB

CQDMEM	7341129	1252014	73411	73421	73429	73419
CQDMEM	7342139	1252014	73421	73431	73439	73429

WS -42.50 RIB

CQDMEM	7421129	1252014	74211	74221	74229	74219
CQDMEM	7422139	1252014	74221	74231	74239	74229

HARD POINT FOR ATTACHING INBOARD WING STORES - LEFT SIDE

1000	74229	4	1.0	74221	2	.13423	L I/B 4
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[illegible]



MPCCCLUS	1000	71923	5	1.0	71924	1	.591716	MPCCCLUS
+MPCCCLUS		71922	1	-.591716				
MPCCCLL1	1000	71927	1	1.0	71928	1	-.40	MPCCCLL1
+MPCCCLL1		71926	1	-.60				
MPCCCLL2	1000	71927	2	1.0	71928	2	-.40	MPCCCLL2
+MPCCCLL2		71926	2	-.60				
MPCC	1000	71928	3	1.0	71927	3	-1.0	
+MPCC		71927	3	1.0	71927	3	-1.0	
MPCC	1000	71928	4	1.0	71927	4	-1.0	
+MPCC		71927	4	1.0	71927	4	-1.0	
MPCC	1000	71928	5	1.0	71927	5	-1.0	
+MPCC		71927	5	1.0	71927	5	-1.0	
MPCC	1000	71927	4	1.0	71928	2	-.588235	MPCCCLL4
+MPCC		71926	2	1.0	71928	1	.588235	MPCCCLL5
MPCCCLL4	1000	71927	5	1.0	71928	1	.588235	
+MPCCCLL4		71926	1	-.588235				

AFT SPAR LUG PIN / LEFT WING

MPCCCLUS	1000	71935	1	1.0	71936	1	-.477612	MPCCCLUS
+MPCCCLUS		71934	1	-.522388				
MPCCCLL1	1000	71935	2	1.0	71936	2	-.477612	MPCCCLL1
+MPCCCLL1		71934	2	-.522388				
MPCCCLL2	1000	71935	3	1.0	71935	3	-1.0	MPCCCLL2
+MPCCCLL2		71934	3	1.0	71935	3	-1.0	
MPCC	1000	71936	4	1.0	71935	4	-1.0	
+MPCC		71934	4	1.0	71935	4	-1.0	
MPCC	1000	71936	5	1.0	71935	5	-1.0	
+MPCC		71934	5	1.0	71935	5	-1.0	
MPCC	1000	71935	4	1.0	71936	2	-.746269	MPCCCLL4
+MPCC		71934	2	1.0	71936	1	.746269	MPCCCLL5
MPCCCLL4	1000	71935	5	1.0	71936	1	.746269	
+MPCCCLL4		71934	1	-.746269				

MAIN ROTOR TRANSMISSION  
204-040-009

MPCCCLUS	1000	71935	1	1.0	71936	1	-.477612	MPCCCLUS
+MPCCCLUS		71934	1	-.522388				
MPCCCLL1	1000	71935	2	1.0	71936	2	-.477612	MPCCCLL1
+MPCCCLL1		71934	2	-.522388				
MPCCCLL2	1000	71935	3	1.0	71935	3	-1.0	MPCCCLL2
+MPCCCLL2		71934	3	1.0	71935	3	-1.0	
MPCC	1000	71936	4	1.0	71935	4	-1.0	
+MPCC		71934	4	1.0	71935	4	-1.0	
MPCC	1000	71936	5	1.0	71935	5	-1.0	
+MPCC		71934	5	1.0	71935	5	-1.0	
MPCC	1000	71935	4	1.0	71936	2	-.746269	MPCCCLL4
+MPCC		71934	2	1.0	71936	1	.746269	MPCCCLL5
MPCCCLL4	1000	71935	5	1.0	71936	1	.746269	
+MPCCCLL4		71934	1	-.746269				

MAIN ROTOR TRANSMISSION  
209-010-450

MPCCCLUS	1000	71935	1	1.0	71936	1	-.477612	MPCCCLUS
+MPCCCLUS		71934	1	-.522388				
MPCCCLL1	1000	71935	2	1.0	71936	2	-.477612	MPCCCLL1
+MPCCCLL1		71934	2	-.522388				
MPCCCLL2	1000	71935	3	1.0	71935	3	-1.0	MPCCCLL2
+MPCCCLL2		71934	3	1.0	71935	3	-1.0	
MPCC	1000	71936	4	1.0	71935	4	-1.0	
+MPCC		71934	4	1.0	71935	4	-1.0	
MPCC	1000	71936	5	1.0	71935	5	-1.0	
+MPCC		71934	5	1.0	71935	5	-1.0	
MPCC	1000	71935	4	1.0	71936	2	-.746269	MPCCCLL4
+MPCC		71934	2	1.0	71936	1	.746269	MPCCCLL5
MPCCCLL4	1000	71935	5	1.0	71936	1	.746269	
+MPCCCLL4		71934	1	-.746269				



MPC	1000	211073	5	1.0	200078	5	-1.0	AFIR5
MPC	1000	211073	6	1.0	200078	6	-1.0	AFIR6
+AFIL1	1000	211077	1	-1.0	200078	1	-1.0	AFIL1
MPC	1000	200078	2	-12.375	200078	2	-1.0	AFIL2
+AFIL2	1000	211077	3	1.0	200078	3	-1.0	AFIL3
MPC	1000	200078	4	-11.72	200078	4	-1.0	AFIL4
+AFIL3	1000	211077	5	1.0	200078	5	-1.0	AFIL5
MPC	1000	200078	6	1.0	200078	6	-1.0	AFIL6
MPC	1000	211077	1	1.0	200078	1	-1.0	AFIL1
MPC	1000	214075	2	1.0	200078	2	-1.0	AFIL2
+AFIL2	1000	214075	3	-14.50	200078	3	-1.0	AFIL3
MPC	1000	200078	4	1.0	200078	4	-1.0	AFIL4
+AFIL3	1000	214075	5	1.0	200078	5	-1.0	AFIL5
MPC	1000	214075	6	1.0	200078	6	-1.0	AFIL6
MPC	1000	214075	1	1.0	200078	1	-1.0	AFIL1
MPC	1000	214075	2	1.0	200078	2	-1.0	AFIL2
MPC	1000	214075	3	1.0	200078	3	-1.0	AFIL3
MPC	1000	214075	4	1.0	200078	4	-1.0	AFIL4
MPC	1000	214075	5	1.0	200078	5	-1.0	AFIL5
MPC	1000	214075	6	1.0	200078	6	-1.0	AFIL6

# MAIN ROTOR PYLON MOUNT SPRINGS 204-031-928-005

CELAS2	189831	28125.	189073	1	18983	1	FWD	R	X	Y	Z
CELAS2	189832	28125.	189073	2	18983	2	FWD	R	X	Y	Z
CELAS2	189833	4500.	189073	3	18983	3	FWD	R	X	Y	Z
CELAS2	189871	28125.	189077	1	18987	1	FWD	R	X	Y	Z
CELAS2	189872	28125.	189077	2	18987	2	FWD	R	X	Y	Z
CELAS2	189873	4500.	189077	3	18987	3	FWD	R	X	Y	Z
CELAS2	211831	28125.	211073	1	21183	1	FWD	R	X	Y	Z
CELAS2	211832	28125.	211073	2	21183	2	FWD	R	X	Y	Z
CELAS2	211833	4500.	211073	3	21183	3	FWD	R	X	Y	Z
CELAS2	211871	28125.	211077	1	21187	1	FWD	R	X	Y	Z
CELAS2	211872	28125.	211077	2	21187	2	FWD	R	X	Y	Z
CELAS2	211873	4500.	211077	3	21187	3	FWD	R	X	Y	Z
CELAS2	214853	20000.	214075	3	21485	3	FWD	R	X	Y	Z

# TAIL ROTOR GEARBOX 204-040-400

CBAR	4000071	400007	52045	520024	0.0	0.0	1.0	1	TRBRG1
CBAR	4000072	400007	52045	520068	0.0	0.0	1.0	1	TRBRG2
PHAR	400007	456	10.0	3.25	3.25	6.50			
PHAR	400007	4620							
CBAR	4020091	4020091	520018	520024	0.0	0.0	1.0	1	TR MAST
CBAR	4020091	4020091	520018	520024	0.0	0.0	1.0	1	TR MAST

PBAR	4020091	4620	1.1090	0.2393	0.2393	0.4787	1.0	1	TR	MAST
PBAR	4020092	4020092	520024	520057	0.0	0.0	1.0	1	TR	MAST
PBAR	4020093	4620	0.9362	0.1909	0.0	0.3817	1.0	1	TR	MAST
PBAR	4020094	4020093	520057	520065	0.0	0.0	1.0	1	TR	MAST
PBAR	4020095	4620	0.9442	0.1635	0.0	0.3269	1.0	1	TR	MAST
PBAR	4020096	4020094	520065	520068	0.0	0.0	1.0	1	TR	MAST
PBAR	4020097	4620	1.0034	0.1790	0.0	0.3580	1.0	1	TR	MAST
PBAR	4020098	4020095	520068	520079	0.0	0.0	1.0	1	TR	MAST
PBAR	4020099	4620	1.1242	0.1838	0.0	0.3675	1.0	1	TR	MAST
PBAR	4020100	4020096	520079	520135	0.0	0.0	1.0	1	TR	MAST
PBAR	4020101	4620	0.8176	0.1149	0.0	0.2297	1.0	1	TR	MAST
PBAR	4020102	4020097	520135	520139	0.0	0.0	1.0	1	TR	MAST
PBAR	4020103	4620	0.6437	0.07945	0.0	0.1589	1.0	1	TR	MAST
PBAR	4020104	4020098	520139	520152	0.0	0.0	1.0	1	TR	MAST
PBAR	4020105	4620	0.6511	0.08074	0.0	0.1615	1.0	1	TR	MAST
PBAR	4020106	4020099	520152	520185	0.0	0.0	1.0	1	TR	MAST
PBAR	4020107	4620	0.6511	0.08074	0.0	0.1615	1.0	1	TR	MAST

SKID LANDING GEAR  
209-050-002

RIGHT SKID TUBE  
209-050-002-052

PBAR	0020521	0020521	211002	214902	0.0	0.0	1.0	1		
PBAR	0020522	2024	0.7779	1.510	1.510	3.020	1.0	1		
PBAR	0020523	0020522	214902	222002	0.0	0.0	1.0	1		
PBAR	0020524	2024	0.7779	1.510	1.510	3.020	1.0	1		
PBAR	0020525	0020523	222002	223402	0.0	0.0	1.0	1		
PBAR	0020526	2024	0.7779	1.510	1.510	3.020	1.0	1		

LEFT SKID TUBE  
209-050-002-051

PBAR	0020511	0020511	211001	214901	0.0	0.0	1.0	1		
PBAR	0020512	2024	0.7779	1.510	1.510	3.020	1.0	1		
PBAR	0020513	0020512	214901	222001	0.0	0.0	1.0	1		
PBAR	0020514	2024	0.7779	1.510	1.510	3.020	1.0	1		
PBAR	0020515	0020513	222001	223401	0.0	0.0	1.0	1		
PBAR	0020516	2024	0.7779	1.510	1.510	3.020	1.0	1		

FORWARD CROSS TUBE  
209-050-002-045

PBAR	0020451	0020451	214902	215102	0.0	0.0	1.0	1		
PBAR	0020452	7075	1.132	0.836	0.0	1.672	1.0	1		
PBAR	0020453	0020452	215102	215202	0.0	0.0	1.0	1		
PBAR	0020454	7075	1.686	1.312	1.312	2.624	1.0	1		



CBAR	0020453	0020453	215202	215201	0.0	0.0	1.0	1
PBAR	0020453	7075	1.964	1.549	3.09d	3.09d	1.0	
CBAR	0020454	0020454	215201	215101	0.0	0.0	1.0	1
PBAR	0020454	7075	1.686	1.312	2.624	2.624	1.0	
CBAR	0020455	0020455	215101	214901	0.0	0.0	1.0	1
PBAR	0020455	7075	1.132	0.836	1.672	1.672	1.0	
\$ \$ \$ \$ \$				AFT CROSS TUBE				
\$ \$ \$ \$ \$				209-050-002-041				
CBAR	0020411	0020411	222002	222202	0.0	0.0	1.0	1
PBAR	0020411	7075	1.516	1.090	2.180	2.180	1.0	
CBAR	0020412	0020412	222202	222302	0.0	0.0	1.0	1
PBAR	0020412	7075	2.371	1.712	3.424	3.424	1.0	
CBAR	0020413	0020413	222302	222301	0.0	0.0	1.0	1
PBAR	0020413	7075	2.798	2.022	4.044	4.044	1.0	
CBAR	0020414	0020414	222301	222201	0.0	0.0	1.0	1
PBAR	0020414	7075	2.371	1.712	3.424	3.424	1.0	
CBAR	0020415	0020415	222201	222001	0.0	0.0	1.0	1
PBAR	0020415	7075	1.516	1.090	2.180	2.180	1.0	
\$ \$ \$ \$ \$				GEAR MOUNTING STRUCTURE / RIGHT SIDE				
\$ \$ \$ \$ \$				209-030-302-004				
MPC	1000	14823	1	1.0	15212	15212	-1.0	+M11RFG
+M11RFG	1000	15212	15	-5.63	15212	15212	-3.50	
+MPC	1000	14823	2	1.0	15212	15212	-1.0	+M21RFG
+M21RFG	1000	15212	4	5.63	15212	15212	3.95	
+MPC	1000	14823	3	1.0	15212	15212	-1.0	+M31RFG
+M31RFG	1000	15212	4	3.50	15212	15212	-3.95	
+MPC	1000	15623	1	1.0	15212	15212	-1.0	+M12RFG
+M12RFG	1000	15212	5	-5.63	15212	15212	-1.83	
+MPC	1000	15623	2	1.0	15212	15212	-1.0	+M22RFG
+M22RFG	1000	15212	4	5.63	15212	15212	-3.96	
+MPC	1000	15623	3	1.0	15212	15212	-1.0	+M32RFG
+M32RFG	1000	15212	4	1.83	15212	15212	-3.96	
+MPC	1000	14803	1	1.0	15212	15212	-1.0	+M13RFG
+M13RFG	1000	15212	5	3.34	15212	15212	-3.50	
+MPC	1000	14803	2	1.0	15212	15212	-1.0	+M23RFG
+M23RFG	1000	15212	4	-3.34	15212	15212	3.95	
+MPC	1000	14803	3	1.0	15212	15212	-1.0	+M33RFG
+M33RFG	1000	15212	4	3.50	15212	15212	-3.95	
+MPC	1000	15603	1	1.0	15212	15212	-1.0	+M14RFG
+M14RFG	1000	15212	5	3.34	15212	15212	-3.50	
+MPC	1000	15603	2	1.0	15212	15212	-1.0	+M24RFG
+M24RFG	1000	15212	4	-3.34	15212	15212	3.96	
+MPC	1000	15212	3	1.0	15212	15212	-1.0	+M34RFG
+M34RFG	1000	15212	4	3.50	15212	15212	3.96	
+MPC	1000	15212	1	1.0	215202	215202	-1.0	RFG

MPC	1000	15212	2	1.0	215202	2	-1.0	RFG
MPC	1000	15212	3	1.0	215202	3	-1.0	RFG
\$								
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FORWARD SKID LANDING GEAR MOUNTING STRUCTURE / LEFT SIDE								
209-030-302-003								
MPC	1000	14827	1	1.0	15218	1	-1.0	+M11LFG
+M11LFG		15218	5	-5.63	15218	6	-3.50	
MPC	1000	14827	2	1.0	15218	2	-1.0	+M21LFG
+M21LFG		15218	4	5.63	15218	6	-3.95	
MPC	1000	14827	3	1.0	15218	3	-1.0	+M31LFG
+M31LFG		15218	4	-3.50	15218	5	-3.95	
MPC	1000	15627	1	1.0	15218	1	-1.83	+M12LFG
+M12LFG		15218	5	-5.63	15218	6	-1.83	
MPC	1000	15627	2	1.0	15218	2	-3.96	+M22LFG
+M22LFG		15218	4	5.63	15218	6	-3.96	
MPC	1000	15627	3	1.0	15218	3	-1.0	+M32LFG
+M32LFG		15218	4	-1.83	15218	5	-3.96	
MPC	1000	14807	1	1.0	15218	1	-1.0	+M13LFG
+M13LFG		15218	5	3.34	15218	6	-3.50	
MPC	1000	14807	2	1.0	15218	2	-1.0	+M23LFG
+M23LFG		15218	4	-3.34	15218	6	-3.95	
MPC	1000	14807	3	1.0	15218	3	-1.0	+M33LFG
+M33LFG		15218	4	-3.50	15218	5	-3.95	
MPC	1000	15607	1	1.0	15218	1	-1.0	+M14LFG
+M14LFG		15218	5	3.34	15218	6	-3.50	
MPC	1000	15607	2	1.0	15218	2	-1.0	+M24LFG
+M24LFG		15218	4	-3.34	15218	6	-3.96	
MPC	1000	15607	3	1.0	15218	3	-1.0	+M34LFG
+M34LFG		15218	4	-3.50	15218	5	-3.96	
MPC	1000	15218	1	1.0	215201	1	-1.0	LFG
MPC	1000	15218	2	1.0	215201	2	-1.0	LFG
MPC	1000	15218	3	1.0	215201	3	-1.0	LFG
\$								
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AFT SKID LANDING GEAR MOUNTING STRUCTURE / RIGHT SIDE								
209-030-172-002								
CTRMEM	1720021	1552014	21821	22312	21803			
CTRMEM	1720022	1552014	21821	22312	22721			
CTRMEM	1720023	1552014	22721	22312	22703			
CTRMEM	1720024	1552014	21803	22312	22703			
CTRMEM	1720025	1552014	21823	22312	21801			
CTRMEM	1720026	1552014	21823	22312	22723			
CTRMEM	1720027	1552014	22723	22312	22701			
CTRMEM	1720028	1552014	21801	22312	22701			
MPC	1000	22312	1	1.0	222302	1	-1.0	
MPC	1000	22312	2	1.0	222302	2	-1.0	
MPC	1000	22312	3	1.0	222302	3	-1.0	
\$								

AFT SKID LANDING GEAR MOUNTING STRUCTURE / LEFT SIDE  
209-030-172-001

1720011	1552014	21829	22318	21807		
1720012	1552014	21829	22318	22729		
1720013	1552014	21829	22318	22707		
1720014	1552014	21807	22318	22707		
1720015	1552014	21827	22318	21809		
1720016	1552014	21827	22318	22727		
1720017	1552014	21809	22318	22709		
1720018	1552014	21809	22318	22709		
1000	22318	1	1.0	222301	1	-1.0
1000	22318	2	1.0	222301	2	-1.0
1000	22318	3	1.0	222301	3	-1.0

ENGINE MOUNTS  
209-060-106/107/108/109

109001	123467	123487	4130	0.0887		FEM F1
1000	123467	1	1.0	25069	1	
1000	123467	1	1.0	25069	1	-798210
1000	123467	2	1.0	25069	2	-1.0
1000	123467	1	1.0	25069	1	-961728
1000	123467	3	1.0	25069	3	-366152
1000	123467	3	1.0	25069	3	-432058
1070012	125063	125383	4130	0.1261		REM 41
1000	125063	1	1.0	25061	1	-802963
1000	125063	1	1.0	25061	1	
1000	125063	2	1.0	25061	2	-1.0
1000	125063	3	1.0	25061	3	-802963
1060012	126863	125383	4130	0.1261		REM 43
1000	126863	1	1.0	26861	1	
1000	126863	1	1.0	26861	1	-675389
1000	126863	2	1.0	26861	2	-1.0
1000	126863	3	1.0	26861	3	-675389
108001	125065	125387	4130	0.1261		LEM 31
1000	125065	1	1.0	25065	1	
1000	125065	1	1.0	25065	1	-880432
1000	125065	2	1.0	25065	2	-1.0
1000	125065	3	1.0	25065	3	-880432
1070011	125067	125387	4130	0.1261		LEM 33
1000	125067	1	1.0	25069	1	
1000	125067	1	1.0	25069	1	-802963
1000	125067	2	1.0	25069	2	-1.0
1000	125067	3	1.0	25069	3	-1.0
1060011	126867	125387	4130	0.1261		LEM 21

MPG	1000	126867	1	1.0	26863	1	-0.675389	LEM 11
+LEM	1000	26865	1	-0.324611	26863	1	-0.675389	
MPG	1000	126867	2	1.0	26869	2	-1.0	LEM 13
MPG	1000	126867	3	1.0	26869	3	-0.675389	
+LEM	1000	25865	3	-0.324611	26869	3		
\$								
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MPG	1000	123487	1	1.0	124800	1	-1.0	ENG A1
+ENG	1000	124800	5	1.0	124800	6	-9.49	ENG A2
MPG	1000	123487	2	1.0	124800	2	-1.0	ENG A3
MPG	1000	123487	3	1.0	124800	4	-4.25	ENG B1
+ENG	1000	124800	4	1.0	124800	5	-1.0	ENG B2
MPG	1000	124800	5	1.0	124800	6	-1.0	ENG B3
MPG	1000	124800	6	1.0	124800	7	-1.0	ENG C1
+ENG	1000	125383	5	1.0	124800	1	-1.0	ENG C2
MPG	1000	125383	6	1.0	124800	2	-1.0	ENG C3
MPG	1000	125383	3	1.0	124800	3	-1.0	FWDENG1
+ENG	1000	124800	4	1.0	124800	5	-1.0	FWDENG2
MPG	1000	125387	1	1.0	124800	1	-1.0	FWDENG3
MPG	1000	125387	5	1.0	124800	2	-1.0	FWDENG4
+ENG	1000	124800	6	1.0	124800	3	-1.0	FWDENG5
MPG	1000	124800	2	1.0	124800	4	-1.0	FWDENG6
MPG	1000	124800	3	1.0	124800	5	-1.0	AFTENG1
+ENG	1000	125387	4	1.0	124800	6	-1.0	AFTENG2
MPG	1000	124800	1	1.0	124800	3	-1.0	AFTENG3
MPG	1000	124800	6	1.0	124800	4	-1.0	AFTENG4
+FWDENG2	1000	122400	1	1.0	124800	5	-1.0	AFTENG5
MPG	1000	122400	2	1.0	124800	6	-1.0	AFTENG6
+FWDENG3	1000	122400	3	1.0	124800	1	-1.0	
MPG	1000	122400	4	1.0	124800	2	-1.0	
MPG	1000	122400	5	1.0	124800	3	-1.0	
MPG	1000	122400	6	1.0	124800	4	-1.0	
MPG	1000	122400	1	1.0	124800	5	-1.0	
+AFTENG2	1000	127200	2	1.0	124800	6	-1.0	
MPG	1000	127200	3	1.0	124800	1	-1.0	
+AFTENG3	1000	127200	4	1.0	124800	2	-1.0	
MPG	1000	127200	5	1.0	124800	3	-1.0	
MPG	1000	127200	6	1.0	124800	4	-1.0	
MPG	1000	127200	1	1.0	124800	5	-1.0	
\$								
\$								
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ENGINE  
209-060-005

MEMBRANE PROPERTIES

PDDMEM	082024	2024	008
PDDMEM	0100076	20076	00010
PDDMEM	0122024	2024	00012
PDDMEM	0127075	7075	00012
PDDMEM	0129046	9046	00015
PDDMEM	0152014	2014	00016
PDDMEM	0162024	2024	00016
PDDMEM	0169046	9046	00020
PDDMEM	0200076	0076	00020
PDDMEM	0202024	2024	00021
PDDMEM	0212024	2024	00022
PDDMEM	0227075	7075	00024
PDDMEM	0242024	2024	00025
PDDMEM	0250057	0057	00025
PDDMEM	0252024	2024	00025
PDDMEM	0282024	2024	00028
PDDMEM	0287075	7075	00028
PDDMEM	0289046	9046	00028
PDDMEM	0300076	0076	00030
PDDMEM	0322014	2024	00032
PDDMEM	0322024	2024	00032
PDDMEM	0327075	7075	00032
PDDMEM	0329046	9046	00032
PDDMEM	0362024	2024	00036
PDDMEM	0402024	2024	00040
PDDMEM	0407075	7075	00040
PDDMEM	0492024	2024	00049
PDDMEM	0507075	7075	00050
PDDMEM	0509046	9046	00050
PDDMEM	0522024	2024	00052
PDDMEM	0637075	7075	00063
PDDMEM	0669046	9046	00066
PDDMEM	0682024	2024	00068
PDDMEM	0727075	7075	00072
PDDMEM	0857075	7075	00085
PDDMEM	0959046	9046	00095
PDDMEM	1007075	7075	00100
PDDMEM	1252014	2014	00125
PDDMEM	2002014	2014	00200
PDDMEM	4002014	2014	00400
PDDMEM	0082024	2024	00008
PDDMEM	0100076	0076	00010
PDDMEM	0122024	2024	00012
PDDMEM	0127075	7075	00012
PDDMEM	0129046	9046	00015
PDDMEM	0152014	2014	00015
PDDMEM	0162024	2024	00016

## SHEAR PANEL PROPERTIES

PSHEAR	0082024	2024	0.008
PSHEAR	0100076	0076	0.010
PSHEAR	0122024	2024	0.012
PSHEAR	0127075	7075	0.012

PSHEAR	0129046	9046	0.012
PSHEAR	0152014	2014	0.015
PSHEAR	0162024	2024	0.016
PSHEAR	0167075	7075	0.016
PSHEAR	0169046	9046	0.020
PSHEAR	0200076	0076	0.020
PSHEAR	0202024	2024	0.020
PSHEAR	0207075	7075	0.021
PSHEAR	0212024	2024	0.021
PSHEAR	0227075	7075	0.022
PSHEAR	0242024	2024	0.024
PSHEAR	0250057	0057	0.025
PSHEAR	0252024	2024	0.025
PSHEAR	0257075	7075	0.025
PSHEAR	0259046	9046	0.025
PSHEAR	0282024	2024	0.028
PSHEAR	0292024	2024	0.029
PSHEAR	0300076	0076	0.030
PSHEAR	0322024	2024	0.032
PSHEAR	0327075	7075	0.032
PSHEAR	0329046	9046	0.032
PSHEAR	0402024	2024	0.040
PSHEAR	0407075	7075	0.040
PSHEAR	0409046	9046	0.040
PSHEAR	0417075	7075	0.041
PSHEAR	0492024	2024	0.049
PSHEAR	0507075	7075	0.050
PSHEAR	0509046	9046	0.050
PSHEAR	0527075	7075	0.052
PSHEAR	063	7075	0.063
PSHEAR	06416	2014	0.06416
PSHEAR	0657075	7075	0.065
PSHEAR	0717075	7075	0.071
PSHEAR	07149	2014	0.07149
PSHEAR	0727075	7075	0.072
PSHEAR	07278	2014	0.07278
PSHEAR	07402	2014	0.07402
PSHEAR	07505	2014	0.07505
PSHEAR	0807075	7075	0.080
PSHEAR	0817075	7075	0.081
PSHEAR	1007075	2014	0.100
PSHEAR	1007075	7075	0.100
PSHEAR	11916	2014	0.11916
PSHEAR	12381	2014	0.12381
PSHEAR	125	2014	0.125
PSHEAR	1252014	2014	0.125
PSHEAR	12728	2014	0.12728
PSHEAR	12966	2014	0.12966
PSHEAR	150	2014	0.150







CONROD	0150153	13803	11300	2014	1:0	HOG II
CONROD	0150154	13807	11300	2014	1:0	HOG II
CONM2	911300	11300		75.00		
CONM2	1011300	11300		190.000		
\$						
\$						
\$						
CONROD	0150201	9313	11700	2014	1:0	HOG II
CONROD	0150202	9317	11700	2014	1:0	HOG II
CONROD	0150203	13803	11700	2014	1:0	
CONROD	0150204	13807	11700	2014	1:0	
CONM2	1011700	11700		63.300		
CONM2	1111700	11700		195.000		
\$						
\$						
\$						
CONROD	0010091	14843	13500	2014	1:0	
CONROD	0010092	14847	13500	2014	1:0	
CONROD	0010093	14883	13500	2014	1:0	
CONROD	0010094	14887	13500	2014	1:0	
CONM2	913500	13500		200.000		
\$						
\$						
\$						
CONROD	0031071	14823	17100	2014	1:0	HOG II
CONROD	0031072	14827	17100	2014	1:0	HOG II
CONROD	0031073	18621	17100	2014	1:0	
CONROD	0031074	18629	17100	2014	1:0	
CONM2	917100	17100		175.000		
CONM2	1017100	17100		4.250		
\$						
\$						
\$						
CONROD	0031081	21321	23100	2014	1:0	HOG II
CONROD	0031082	21329	23100	2014	1:0	HOG II
CONROD	0031083	25021	23100	2014	1:0	
CONROD	0031084	25029	23100	2014	1:0	
CONM2	923100	23100		236.000		
CONM2	1023100	23100		4.250		
\$						
\$						
\$						
CONM2	9200070	200070		26.100		HOG II
\$						
\$						
\$						
CONM2	124805	124800		26.700		HOG II
CONM2	124806	124800		2.200		HOG II
\$						

\$			42 AND 90 DEGREE GEAR BOX FLUIDS		
\$	CONM 2	946445	46445	0.300	HOG II
\$	CONM 2	952045	52045	0.400	HOG II
\$					
\$			WING PYLONS AND STORES		
\$					
\$					
\$					
\$					
\$			RIGHT WING		
\$	CONM 2	964229	64229	31.200	HOG II
\$	CONM 2	1064229	64229	666.200	HOG II
\$	CONM 2	965929	65929	17.800	HOG II
\$	CONM 2	1065929	65929	468.600	HOG II
\$				0.0	-14.50
\$				0.0	-10.45
\$			LEFT WING		
\$	CONM 2	974229	74229	31.200	HOG II
\$	CONM 2	1074229	74229	666.200	HOG II
\$	CONM 2	975929	75929	17.800	HOG II
\$	CONM 2	1075929	75929	468.600	HOG II
				0.0	-14.50
				0.0	-10.45

### 8.2.1 NASTRAN Output

8-146



JULY 29, 1974 WASHINGTON 11/2/73 PAGE 2

NEGOTIATION IN A POSITIVE CENTRAL DECK ECHM

ECNU ON POST CARD IN UNKAPINE DIRECTION TO BE PUNCHED OUT FOR THIS PROBLEM  
RE START VLOERNY WUOUUJG : 7/29/74. 53327.

AM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 19 - GEN 3  
 BASIC MISSILE WEIGHT CONFIGURATION - 4953 LB GROSS WEIGHT  
 NATURAL FREQUENCIES AND MODE SHAPES

DATE 11/11/73 PAGE 3

JULY 29, 1974

BASE CONTROL CHECK

CARD  
 1

1. TITLE: 10-THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 19 - GEN 3  
 2. LABEL: BASIC MISSILE WEIGHT CONFIGURATION - 4953 LB GROSS WEIGHT  
 3. LABEL: NATURAL FREQUENCIES AND MODE SHAPES  
 4. MACHINE: 010000  
 5. ECH: 0001  
 6. METHOD: 0009  
 7. MODE: 100  
 8. OUTPUT  
 9. DISPLACEMENT: 0.001  
 10. SPURIOUS: 0.001  
 11. MAIN: 0.001







11554	0	11554	-17.91	70.00	0	3456
11555	0	11555	10.00	70.00	0	456
11556	0	11556	-10.00	55.00	0	456
11557	0	11557	17.91	62.172	0	456
11558	0	11558	10.00	62.172	0	456
11559	0	11559	-10.00	62.172	0	456
11560	0	11560	17.91	62.172	0	456
11561	0	11561	17.91	70.19	11571	2456
11562	0	11562	-17.91	70.19	11572	2456

STA 138.70 BULKHEAD  
209-030-133-154

13801	0	13870	15.91	28.00	0	456
13802	0	13871	10.00	27.00	0	456
13803	0	13872	-10.00	27.00	0	456
13804	0	13873	-15.81	28.00	0	456
13805	0	13874	17.68	35.97	0	456
13806	0	13875	10.00	35.97	0	456
13807	0	13876	-10.00	35.97	0	456
13808	0	13877	17.68	35.97	0	456
13809	0	13878	10.00	63.09	0	456
13810	0	13879	10.00	63.09	0	456
13811	0	13880	-10.00	62.84	0	456
13812	0	13881	-10.00	62.84	0	456
13813	0	13882	17.64	74.95	13871	2456
13814	0	13883	-17.64	72.96	13879	2456

CENTER FUSELAGE SUBASSEMBLY

STA 148.50 BULKHEAD  
209-030-104-011

14801	0	14850	15.81	28.00	0	456
14802	0	14851	10.00	27.00	0	456
14803	0	14852	-10.00	27.00	0	456
14804	0	14853	-15.81	28.00	0	456
14805	0	14854	17.67	35.97	0	456
14806	0	14855	10.00	35.97	0	456
14807	0	14856	-10.00	35.97	0	456
14808	0	14857	17.67	35.97	0	456
14809	0	14858	10.00	63.09	0	456
14810	0	14859	10.00	63.09	0	456
14811	0	14860	-10.00	62.84	0	456
14812	0	14861	-10.00	62.84	0	456
14813	0	14862	17.64	74.95	13871	2456
14814	0	14863	-17.64	72.96	13879	2456



18983	0	189-94	12-375	77-57	0	4
18987	0	189-94	-12-375	77-57	0	4
CENTER WING CARRY-THRU SPAR						
209-030-141						
19741	0	196-90	17-730	55-390	0	0
19742	0	196-90	10-090	54-75	0	0
19743	0	196-90	7-920	54-75	0	4
19745	0	196-90	0-0	54-75	0	45
19747	0	196-90	-7-920	54-75	0	4
19748	0	196-90	-10-090	54-75	0	0
19749	0	196-90	-17-730	55-390	0	0
19751	0	196-90	17-730	62-160	0	0
19752	0	196-90	10-090	62-16	0	0
19758	0	196-90	-10-090	62-16	0	0
19759	0	196-90	-17-730	62-160	0	0
19761	0	196-90	17-730	64-63	0	0
19762	0	196-90	10-090	64-63	0	0
19763	0	196-90	7-920	64-63	0	4
19765	0	196-90	0-0	64-63	0	45
19767	0	196-90	-7-920	64-63	0	4
19768	0	196-90	-10-090	64-63	0	0
19769	0	196-90	-17-730	64-63	0	0

STA 189-94 PSEUDO-BULKHEAD  
CENTERLINE OF FWD MAIN ROTOR PYLON MOUNTS

CENTER WING CARRY-THRU SPAR  
209-030-141

STA 211-72 PSEUDO-BULKHEAD  
CENTERLINE OF AFT MAIN ROTOR PYLON MOUNTS

21183	0	211-72	12-375	77-57	0	4
21187	0	211-72	-12-375	77-57	0	4

AFT FUSELAGE SUBASSEMBLY  
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STA 213-94 BULKHEAD  
209-030-08-007  
AFT WING CARRY-THRU SPAR  
209-030-142

21321	0	213-94	16-86	35-97	0	456
21323	0	213-94	10-00	35-97	0	456
21325	0	213-94	0-0	35-97	0	456
21327	0	213-94	-10-00	35-97	0	456
21329	0	213-94	-16-86	35-97	0	456

21491	0	214.91	17.53	34.75	1	1
21492	0	214.92	17.53	34.75	0	4
21493	0	214.93	17.53	34.75	0	4
21494	0	214.94	17.53	34.75	0	4
21495	0	214.95	17.53	34.75	0	4
21496	0	214.96	17.53	34.75	0	4
21497	0	214.97	17.53	34.75	0	4
21498	0	214.98	17.53	34.75	0	4
21499	0	214.99	17.53	34.75	0	4
21500	0	215.00	17.53	34.75	0	4
21501	0	215.01	17.53	34.75	0	4
21502	0	215.02	17.53	34.75	0	4
21503	0	215.03	17.53	34.75	0	4
21504	0	215.04	17.53	34.75	0	4
21505	0	215.05	17.53	34.75	0	4
21506	0	215.06	17.53	34.75	0	4
21507	0	215.07	17.53	34.75	0	4
21508	0	215.08	17.53	34.75	0	4
21509	0	215.09	17.53	34.75	0	4
21510	0	215.10	17.53	34.75	0	4
21511	0	215.11	17.53	34.75	0	4
21512	0	215.12	17.53	34.75	0	4
21513	0	215.13	17.53	34.75	0	4
21514	0	215.14	17.53	34.75	0	4
21515	0	215.15	17.53	34.75	0	4
21516	0	215.16	17.53	34.75	0	4
21517	0	215.17	17.53	34.75	0	4
21518	0	215.18	17.53	34.75	0	4
21519	0	215.19	17.53	34.75	0	4
21520	0	215.20	17.53	34.75	0	4
21521	0	215.21	17.53	34.75	0	4
21522	0	215.22	17.53	34.75	0	4
21523	0	215.23	17.53	34.75	0	4
21524	0	215.24	17.53	34.75	0	4
21525	0	215.25	17.53	34.75	0	4
21526	0	215.26	17.53	34.75	0	4
21527	0	215.27	17.53	34.75	0	4
21528	0	215.28	17.53	34.75	0	4
21529	0	215.29	17.53	34.75	0	4
21530	0	215.30	17.53	34.75	0	4
21531	0	215.31	17.53	34.75	0	4
21532	0	215.32	17.53	34.75	0	4
21533	0	215.33	17.53	34.75	0	4
21534	0	215.34	17.53	34.75	0	4
21535	0	215.35	17.53	34.75	0	4
21536	0	215.36	17.53	34.75	0	4
21537	0	215.37	17.53	34.75	0	4
21538	0	215.38	17.53	34.75	0	4
21539	0	215.39	17.53	34.75	0	4
21540	0	215.40	17.53	34.75	0	4
21541	0	215.41	17.53	34.75	0	4
21542	0	215.42	17.53	34.75	0	4
21543	0	215.43	17.53	34.75	0	4
21544	0	215.44	17.53	34.75	0	4
21545	0	215.45	17.53	34.75	0	4
21546	0	215.46	17.53	34.75	0	4
21547	0	215.47	17.53	34.75	0	4
21548	0	215.48	17.53	34.75	0	4
21549	0	215.49	17.53	34.75	0	4
21550	0	215.50	17.53	34.75	0	4
21551	0	215.51	17.53	34.75	0	4
21552	0	215.52	17.53	34.75	0	4
21553	0	215.53	17.53	34.75	0	4
21554	0	215.54	17.53	34.75	0	4
21555	0	215.55	17.53	34.75	0	4
21556	0	215.56	17.53	34.75	0	4
21557	0	215.57	17.53	34.75	0	4
21558	0	215.58	17.53	34.75	0	4
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21560	0	215.60	17.53	34.75	0	4
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21562	0	215.62	17.53	34.75	0	4
21563	0	215.63	17.53	34.75	0	4
21564	0	215.64	17.53	34.75	0	4
21565	0	215.65	17.53	34.75	0	4
21566	0	215.66	17.53	34.75	0	4
21567	0	215.67	17.53	34.75	0	4
21568	0	215.68	17.53	34.75	0	4
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21570	0	215.70	17.53	34.75	0	4
21571	0	215.71	17.53	34.75	0	4
21572	0	215.72	17.53	34.75	0	4
21573	0	215.73	17.53	34.75	0	4
21574	0	215.74	17.53	34.75	0	4
21575	0	215.75	17.53	34.75	0	4
21576	0	215.76	17.53	34.75	0	4
21577	0	215.77	17.53	34.75	0	4
21578	0	215.78	17.53	34.75	0	4
21579	0	215.79	17.53	34.75	0	4
21580	0	215.80	17.53	34.75	0	4
21581	0	215.81	17.53	34.75	0	4
21582	0	215.82	17.53	34.75	0	4
21583	0	215.83	17.53	34.75	0	4
21584	0	215.84	17.53	34.75	0	4
21585	0	215.85	17.53	34.75	0	4
21586	0	215.86	17.53	34.75	0	4
21587	0	215.87	17.53	34.75	0	4
21588	0	215.88	17.53	34.75	0	4
21589	0	215.89	17.53	34.75	0	4
21590	0	215.90	17.53	34.75	0	4
21591	0	215.91	17.53	34.75	0	4
21592	0	215.92	17.53	34.75	0	4
21593	0	215.93	17.53	34.75	0	4
21594	0	215.94	17.53	34.75	0	4
21595	0	215.95	17.53	34.75	0	4
21596	0	215.96	17.53	34.75	0	4
21597	0	215.97	17.53	34.75	0	4
21598	0	215.98	17.53	34.75	0	4
21599	0	215.99	17.53	34.75	0	4
21600	0	216.00	17.53	34.75	0	4



[illegible]





410	71914	0	186.25	-19.19	76.20	0	0	456
410	71915	0	196.93	-19.19	63.04	0	0	456
410	71916	0	196.93	-19.19	62.16	0	0	456
410	71917	0	196.93	-19.19	61.35	0	0	456
410	71918	0	196.93	-19.19	60.37	0	0	456
410	71919	0	196.93	-19.19	55.39	0	0	456
410	71920	0	196.93	-19.19	54.37	0	0	456
410	71921	0	213.94	-19.19	55.42	0	0	456
410	71922	0	213.94	-19.19	54.78	0	0	456
410	71923	0	213.94	-19.19	54.08	0	0	456
410	72211	0	186.93	-22.19	66.05	0	0	456
410	72212	0	186.93	-22.19	64.31	0	0	456
410	72213	0	186.93	-22.19	57.39	0	0	456
410	72214	0	186.93	-22.19	56.00	0	0	456
410	72215	0	197.44	-22.19	63.95	0	0	456
410	72216	0	197.44	-22.19	61.35	0	0	456
410	72217	0	197.44	-22.19	56.07	0	0	456
410	72218	0	197.44	-22.19	54.10	0	0	456
410	72219	0	213.94	-22.19	56.45	0	0	456
410	72220	0	213.94	-22.19	54.08	0	0	456
410	72221	0	189.25	-24.00	66.05	0	0	456
410	72222	0	189.25	-24.00	66.75	0	0	456
410	72223	0	196.48	-28.00	63.95	0	0	456
410	72224	0	196.48	-28.00	54.75	0	0	456
410	72225	0	213.94	-28.00	56.41	0	0	456
410	72226	0	213.94	-28.00	54.71	0	0	456
410	73411	0	189.62	-34.00	66.05	0	0	456
410	73412	0	199.62	-34.00	57.49	0	0	456
410	73413	0	194.56	-34.00	63.95	0	0	456
410	73414	0	199.56	-34.00	55.50	0	0	456
410	73415	0	213.94	-34.00	57.49	0	0	456
410	73416	0	213.94	-34.00	55.36	0	0	456
410	75211	0	191.55	-42.50	66.05	0	0	456
410	75212	0	191.55	-42.50	68.26	0	0	456
410	75213	0	201.08	-42.50	63.95	0	0	456
410	75214	0	201.08	-42.50	56.50	0	0	456
410	75215	0	213.94	-42.50	56.31	0	0	456
410	75216	0	213.94	-42.50	56.28	0	0	456
410	75217	0	193.42	-50.75	66.05	0	0	456
410	75218	0	193.42	-50.75	59.60	0	0	456
410	75219	0	202.56	-50.75	63.95	0	0	456
410	75220	0	202.56	-50.75	57.48	0	0	456
410	75221	0	213.94	-50.75	59.11	0	0	456
410	75222	0	213.94	-50.75	57.17	0	0	456
410	75223	0	192.30	-58.00	66.05	0	0	456
410	75224	0	192.30	-58.00	63.04	0	0	456
410	75225	0	204.34	-59.00	63.95	0	0	456
410	75226	0	204.34	-59.00	59.45	0	0	456



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410	186.45	11.00	30.34	0	456
411	186.45	11.00	30.34	0	456
412	186.45	11.00	30.34	0	456
413	186.45	11.00	30.34	0	456
414	186.45	11.00	30.34	0	456
415	186.45	11.00	30.34	0	456
416	186.45	11.00	30.34	0	456
417	186.45	11.00	30.34	0	456
418	186.45	11.00	30.34	0	456
419	186.45	11.00	30.34	0	456
420	186.45	11.00	30.34	0	456
421	186.45	11.00	30.34	0	456
422	186.45	11.00	30.34	0	456
423	186.45	11.00	30.34	0	456
424	186.45	11.00	30.34	0	456
425	186.45	11.00	30.34	0	456
426	186.45	11.00	30.34	0	456
427	186.45	11.00	30.34	0	456
428	186.45	11.00	30.34	0	456
429	186.45	11.00	30.34	0	456
430	186.45	11.00	30.34	0	456
431	186.45	11.00	30.34	0	456
432	186.45	11.00	30.34	0	456
433	186.45	11.00	30.34	0	456
434	186.45	11.00	30.34	0	456
435	186.45	11.00	30.34	0	456
436	186.45	11.00	30.34	0	456
437	186.45	11.00	30.34	0	456
438	186.45	11.00	30.34	0	456
439	186.45	11.00	30.34	0	456
440	186.45	11.00	30.34	0	456
441	186.45	11.00	30.34	0	456
442	186.45	11.00	30.34	0	456
443	186.45	11.00	30.34	0	456
444	186.45	11.00	30.34	0	456
445	186.45	11.00	30.34	0	456
446	186.45	11.00	30.34	0	456
447	186.45	11.00	30.34	0	456
448	186.45	11.00	30.34	0	456
449	186.45	11.00	30.34	0	456
450	186.45	11.00	30.34	0	456
451	186.45	11.00	30.34	0	456
452	186.45	11.00	30.34	0	456
453	186.45	11.00	30.34	0	456
454	186.45	11.00	30.34	0	456
455	186.45	11.00	30.34	0	456
456	186.45	11.00	30.34	0	456
457	186.45	11.00	30.34	0	456
458	186.45	11.00	30.34	0	456
459	186.45	11.00	30.34	0	456
460	186.45	11.00	30.34	0	456
461	186.45	11.00	30.34	0	456
462	186.45	11.00	30.34	0	456
463	186.45	11.00	30.34	0	456
464	186.45	11.00	30.34	0	456
465	186.45	11.00	30.34	0	456
466	186.45	11.00	30.34	0	456
467	186.45	11.00	30.34	0	456
468	186.45	11.00	30.34	0	456
469	186.45	11.00	30.34	0	456
470	186.45	11.00	30.34	0	456
471	186.45	11.00	30.34	0	456
472	186.45	11.00	30.34	0	456
473	186.45	11.00	30.34	0	456
474	186.45	11.00	30.34	0	456
475	186.45	11.00	30.34	0	456
476	186.45	11.00	30.34	0	456
477	186.45	11.00	30.34	0	456
478	186.45	11.00	30.34	0	456
479	186.45	11.00	30.34	0	456
480	186.45	11.00	30.34	0	456
481	186.45	11.00	30.34	0	456
482	186.45	11.00	30.34	0	456
483	186.45	11.00	30.34	0	456
484	186.45	11.00	30.34	0	456
485	186.45	11.00	30.34	0	456
486	186.45	11.00	30.34	0	456
487	186.45	11.00	30.34	0	456
488	186.45	11.00	30.34	0	456
489	186.45	11.00	30.34	0	456
490	186.45	11.00	30.34	0	456
491	186.45	11.00	30.34	0	456
492	186.45	11.00	30.34	0	456
493	186.45	11.00	30.34	0	456
494	186.45	11.00	30.34	0	456
495	186.45	11.00	30.34	0	456
496	186.45	11.00	30.34	0	456
497	186.45	11.00	30.34	0	456
498	186.45	11.00	30.34	0	456
499	186.45	11.00	30.34	0	456
500	186.45	11.00	30.34	0	456

SE000	1037	17	5534	7	5081	10	6044	12
SE001	1061	4	6127	27	5084	11	6123	16
SE002	1087	14	6139	23	5111	14	6133	17
SE003	1117	16	6149	14	6154	13	6143	28
SE004	1157	31	6169	32	6171	24	6163	25
SE005	1174	38	7031	29	7033	30	7037	34
SE006	1204	35	7343	33	7347	37	7351	41
SE007	1204	42	7067	49	7064	45	7071	40
SE008	1274	52	7535	46	7537	45	7531	43
SE009	1313	44	4537	54	4534	52	4543	47
SE010	1327	53	4561	57	4553	51	4567	55
SE011	1364	56	4574	56	4574	63	4583	56
SE012	1407	97	9313	73	9317	75	9331	58
SE013	1433	59	9337	61	9339	66	9341	71
SE014	1443	50	9347	57	9349	86	9351	65
SE015	1463	52	9367	68	9369	69	9371	70
SE016	1513	41	9377	82	9374	94	11300	42
SE017	11503	94	11507	95	11531	72	11533	74
SE018	11537	77	11539	80	11543	76	11547	79
SE019	11561	83	11563	78	11567	87	11569	88
SE020	11571	85	11579	89	11730	93	11500	164
SE021	13801	132	13603	116	13807	117	13809	118
SE022	13821	109	13823	111	13827	113	13829	121
SE023	13831	90	13833	91	13837	99	13839	102
SE024	13841	108	13843	98	13847	101	13848	122
SE025	13849	120	13861	103	13863	100	13867	104
SE026	13869	106	13871	105	13879	107	14801	131
SE027	14803	135	14807	139	14809	149	14821	133
SE028	14823	114	14827	125	14829	154	14831	110
SE029	14833	112	14837	124	14839	123	14841	134
SE030	14843	115	14847	119	14849	153	14861	126
SE031	14863	118	14867	127	14869	129	14881	128
SE032	14883	150	14887	151	14889	130	15212	141
SE033	15213	161	15601	171	15603	172	15607	178
SE034	15609	207	15621	142	15623	137	15625	143
SE035	15627	160	15629	162	15633	136	15637	154
SE036	16481	163	16483	166	16485	193	16487	169
SE037	16489	167	17170	140	16601	177	16603	178
SE038	16607	219	16609	209	16621	170	16623	173
SE039	16625	174	16627	179	16629	175	16631	145
SE040	16641	166	16642	160	16643	181	16644	156
SE041	16645	230	16646	249	16647	199	16648	196
SE042	16649	155	16651	147	16652	184	16653	197
SE043	16654	157	16656	148	16657	188	16658	202
SE044	16659	158	16661	152	16662	191	16663	211
SE045	16664	229	16665	237	16666	250	16667	215
SE046	16668	206	16669	165	16681	164	16683	210
SE047	16685	213	16687	214	16689	168	16693	256
SE048	16987	258	19741	185	19742	233	19743	279
SE049	19745	337	19747	296	19748	246	19749	198
SE050	19751	189	19752	234	19754	247	19759	203
SE051	19761	192	19762	242	19763	280	19765	338
SE052	19767	287	19768	252	19769	205	21183	305
SE053	21187	307	21321	186	21323	217	21325	221
SE054	21327	222	21329	224	21341	236	21343	238
SE055	21345	261	21347	263	21349	225	21361	235
SE056	21363	281	21364	287	21366	311	21367	269
SE057	21369	248	21383	339	21387	318	21485	368
SE058	21801	216	21803	227	21807	255	21809	223
SE059	21821	239	21823	240	21825	242	21827	244
SE060	21829	285	22312	760	22318	267	22701	259
SE061	22703	275	22707	303	22709	286	22721	285
SE062	22723	288	22725	289	22727	312	22729	270
SE063	23100	237	25001	308	25003	309	25007	313

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10002	119	7023	758	2524	349	5931	274
10003	120	7024	759	2525	350	5932	275
10004	121	7025	760	2526	351	5933	276
10005	122	7026	761	2527	352	5934	277
10006	123	7027	762	2528	353	5935	278
10007	124	7028	763	2529	354	5936	279
10008	125	7029	764	2530	355	5937	280
10009	126	7030	765	2531	356	5938	281
10010	127	7031	766	2532	357	5939	282
10011	128	7032	767	2533	358	5940	283
10012	129	7033	768	2534	359	5941	284
10013	130	7034	769	2535	360	5942	285
10014	131	7035	770	2536	361	5943	286
10015	132	7036	771	2537	362	5944	287
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10017	134	7038	773	2539	364	5946	289
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10019	136	7040	775	2541	366	5948	291
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10021	138	7042	777	2543	368	5950	293
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10023	140	7044	779	2545	370	5952	295
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10025	142	7046	781	2547	372	5954	297
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10027	144	7048	783	2549	374	5956	299
10028	145	7049	784	2550	375	5957	300
10029	146	7050	785	2551	376	5958	301
10030	147	7051	786	2552	377	5959	302
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10032	149	7053	788	2554	379	5961	304
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10034	151	7055	790	2556	381	5963	306
10035	152	7056	791	2557	382	5964	307
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10037	154	7058	793	2559	384	5966	309
10038	155	7059	794	2560	385	5967	310
10039	156	7060	795	2561	386	5968	311
10040	157	7061	796	2562	387	5969	312
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10042	159	7063	798	2564	389	5971	314
10043	160	7064	799	2565	390	5972	315
10044	161	7065	800	2566	391	5973	316
10045	162	7066	801	2567	392	5974	317
10046	163	7067	802	2568	393	5975	318
10047	164	7068	803	2569	394	5976	319
10048	165	7069	804	2570	395	5977	320
10049	166	7070	805	2571	396	5978	321
10050	167	7071	806	2572	397	5979	322
10051	168	7072	807	2573	398	5980	323
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10054	171	7075	810	2576	401	5983	326
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10057	174	7078	813	2579	404	5986	329
10058	175	7079	814	2580	405	5987	330
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10060	177	7081	816	2582	407	5989	332
10061	178	7082	817	2583	408	5990	333
10062	179	7083	818	2584	409	5991	334
10063	180	7084	819	2585	410	5992	335
10064	181	7085	820	2586	411	5993	336
10065	182	7086	821	2587	412	5994	337
10066	183	7087	822	2588	413	5995	338
10067	184	7088	823	2589	414	5996	339
10068	185	7089	824	2590	415	5997	340
10069	186	7090	825	2591	416	5998	341
10070	187	7091	826	2592	417	5999	342
10071	188	7092	827	2593	418	6000	343
10072	189	7093	828	2594	419	6001	344
10073	190	7094	829	2595	420	6002	345
10074	191	7095	830	2596	421	6003	346
10075	192	7096	831	2597	422	6004	347
10076	193	7097	832	2598	423	6005	348
10077	194	7098	833	2599	424	6006	349
10078	195	7099	834	2600	425	6007	350
10079	196	7100	835	2601	426	6008	351
10080	197	7101	836	2602	427	6009	352
10081	198	7102	837	2603	428	6010	353
10082	199	7103	838	2604	429	6011	354
10083	200	7104	839	2605	430	6012	355
10084	201	7105	840	2606	431	6013	356
10085	202	7106	841	2607	432	6014	357
10086	203	7107	842	2608	433	6015	358
10087	204	7108	843	2609	434	6016	359
10088	205	7109	844	2610	435	6017	360
10089	206	7110	845	2611	436	6018	361
10090	207	7111	846	2612	437	6019	362
10091	208	7112	847	2613	438	6020	363
10092	209	7113	848	2614	439	6021	364
10093	210	7114	849	2615	440	6022	365
10094	211	7115	850	2616	441	6023	366
10095	212	7116	851	2617	442	6024	367
10096	213	7117	852	2618	443	6025	368
10097	214	7118	853	2619	444	6026	369
10098	215	7119	854	2620	445	6027	370
10099	216	7120	855	2621	446	6028	371
10100	217	7121	856	2622	447	6029	372

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CONM2	1054541	185451	1.040
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CONM2	1054551	185451	2.509
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15012	15012	62252	0.324
15013	15013	62253	0.314
15014	15014	62254	0.304
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15019	15019	62259	0.254
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15021	15021	62261	0.234
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MR BLADE  
MR HUB













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JM11	19767	12356
JM11	19768	23456
JM11	19769	123456
JM11	21181	12356
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JM11	21323	123
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JM11	21327	123
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JM11	21341	12456
JM11	21343	12356
JM11	21345	12356
JM11	21347	12356
JM11	21349	12456
JM11	21361	123
JM11	21363	1245
JM11	21364	123
JM11	21366	123
JM11	21367	12345
JM11	21369	23
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JM11	21387	12456
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JM11	21807	123
JM11	21809	123
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JM11	25007	123
JM11	25009	123
JM11	25021	123
JM11	25025	13
JM11	25029	123
JM11	25041	12
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JM11	25049	12
JM11	25061	23
JM11	25065	13
JM11	25069	123
JM11	26001	123
JM11	26009	123
JM11	26821	23
JM11	26825	13
JM11	26829	123
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JM11	26845	23
JM11	26849	12
JM11	26861	123
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JM11	29069	23
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UNIT	72719	72719	123
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UNIT	72722	72722	123
UNIT	72723	72723	123
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UNIT	72812	72812	123
UNIT	72813	72813	123
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UNIT	72815	72815	123
UNIT	72816	72816	123
UNIT	72817	72817	123
UNIT	72818	72818	123
UNIT	72819	72819	123
UNIT	72820	72820	123
UNIT	72821	72821	123
UNIT			



CONRD	1570033	6203	4303	7075	0.142
CONRD	1570034	4303	11503	7075	0.142
CONRD	1570035	11503	13063	7075	0.224
CONRD	1570036	13063	14863	7075	0.191
CONRD	1570037	14863	18061	7075	0.225
CONRD	1600038	18061	19761	7075	0.111
CONRD	1600039	19761	21561	7075	0.144
CONRD	1600040	21561	25061	7075	0.174
CONRD	1600041	25061	28861	7075	0.190
CONRD	1600042	28861	29961	7075	0.267
<p>LOWER MAIN BEAM CAP / RIGHT-HAND SIDE</p> <p>209-030-158-004</p> <p>STA 61.25 TO STA 148.50</p>					
CONRD	1580041	6133	7033	7075	0.247
CONRD	1580042	7033	8533	7075	0.248
CONRD	1580043	8533	9333	7075	0.249
CONRD	1580044	9333	11533	7075	0.344
CONRD	1580045	11533	13833	7075	0.347
CONRD	1580046	13833	14833	7075	0.227
<p>LOWER MAIN BEAM CAP / RIGHT-HAND SIDE</p> <p>209-030-159-007</p> <p>STA 138.70 TO STA 146.25</p> <p>209-030-161-029</p> <p>STA 146.25 TO STA 300.42</p>					
CONRD	1590071	13823	14823	7075	0.264
CONRD	1590072	14823	15623	7075	0.285
CONRD	1590073	15623	18621	7075	0.509
CONRD	1610291	18621	21321	7075	0.513
CONRD	1610292	21321	21821	7075	0.545
CONRD	1610293	21821	22721	7075	0.640
CONRD	1610294	22721	25021	7075	0.420
CONRD	1610295	25021	26821	7075	0.410
CONRD	1610296	26821	29921	7075	0.450
<p>LOWER MAIN BEAM AUXILIARY CAP / RIGHT-HAND SIDE</p> <p>209-030-161-015</p> <p>STA 138.70 TO STA 146.25</p>					
CONRD	1610151	13821	14821	7075	0.128
CONRD	1610152	14821	15621	7075	0.128
CONRD	1610153	15621	18621	7075	0.128
<p>LOWER MAIN BEAM AUXILIARY CAP / RIGHT-HAND SIDE</p> <p>209-030-211-010</p> <p>STA 46.00 TO STA 148.50</p>					
CONRD	2110101	4633	6131	7075	0.059
CONRD	2110102	6131	7031	7075	0.187
CONRD	2110103	7031	8531	7075	0.189
CONRD	2110104	8531	9331	7075	0.193
CONRD	2110105	9331	11521	7075	0.243
CONRD	2110106	11521	14831	7075	0.248
CONRD	2110107	14831	14831	7075	0.174
<p>UPPER MAIN BEAM AUXILIARY CAP / RIGHT-HAND SIDE</p> <p>209-030-250-017/091/171</p> <p>STA 61.25 TO STA 146.25</p>					
CONRD	2500171	6161	7061	7075	0.054
CONRD	2500172	7061	8561	7075	0.054
CONRD	2500173	8561	9361	7075	0.054
CONRD	2500411	9361	11561	7075	0.053

















CONJUD	1186931	26521	26841	7375	1.134	
CONJUD	1186931	29421	29441	7375	1.104	
CONJUD	1186931	29421	29441	29941	24961	20461
CONJUD	1186931	29421	29441	7375	0.544	
CONJUD	1186931	29421	29441	7375	0.270	
CONJUD	1186931	29421	29441	7375	1.104	
CONJUD	1186931	29421	29441	7375	1.134	
SIDE PANELS AND FRAMES / RIGHT SIDE						
STA 61.25 TO STA 146.25						
CANOPY FRAME						
209-030-500-309						
CONJUD	5003111	6161	7071	7375	0.234	
CONJUD	5003112	7071	8571	7375	0.230	
CONJUD	5003113	8571	9371	7375	0.227	
CONJUD	5003114	9371	11571	7375	0.213	
CONJUD	5003115	11571	13871	7375	0.201	
CONJUD	5003116	13871	14881	7375	0.200	
SKIN						
209-030-179-161						
CONJUD	1791611	0322024	6161	7071	7061	
CONJUD	1791612	0322024	7061	7071	8571	8561
CONJUD	1791613	7061	8561	2024	0.040	
CONJUD	1791614	7071	8571	2024	0.040	
CONJUD	1791615	7061	7071	2024	0.232	
CONJUD	1791616	8561	8571	2024	0.232	
CONJUD	1791617	0322024	8561	8571	9371	4561
CONJUD	1791618	8561	9371	2024	0.072	
CONJUD	1791619	8571	9371	2024	0.072	
CONJUD	1791620	8561	8571	2024	0.202	
CONJUD	1791621	9361	9371	2024	0.202	
CONJUD	1791622	0322024	9361	9371	11571	11561
CONJUD	1791623	9361	11561	2024	0.102	
CONJUD	1791624	9371	11571	2024	0.102	
CONJUD	1791625	9361	9371	2024	0.270	
CONJUD	1791626	11561	11571	2024	0.270	
CONJUD	1791627	0322024	11561	11571	13871	13861
CONJUD	1791628	11561	13861	2024	0.140	
CONJUD	1791629	11571	13871	2024	0.140	
CONJUD	1791630	11561	11571	2024	0.382	
CONJUD	1791631	13861	13871	2024	0.382	
CONJUD	1791632	0322024	13861	13871	14881	14861
CONJUD	1791633	13861	14861	2024	0.195	
CONJUD	1791634	13871	14881	2024	0.195	
CONJUD	1791635	13861	13871	2024	0.187	
CONJUD	1791636	14861	14881	2024	0.187	
PANEL						
209-030-125-143						
DOUBLERS						
CONJUD	1251571	14861	14881	2024	0.140	
CONJUD	1251572	14861	14881	2024	0.112	
CONJUD	1251573	14861	14881	2024	0.111	
CONJUD	1251574	14861	14881	2024	0.121	
CONJUD	1251575	14861	14881	2024	0.121	
INNER SKIN 209-030-125-027						
ALUMINUM						
CONJUD	1250271	0082024	14861	14881	14881	14861
CONJUD	1250272	0082024	14861	14881	14881	14861
CONJUD	1250273	14861	14881	2024	0.035	
CONJUD	1250274	14861	14881	2024	0.035	

CUNR00	1252703	14661	16431	2024	2.115	
CUNR00	1252704	14661	14641	2024	2.115	
\$	UPPER SKIN	209-030-179-031	209-030-179-031	209-030-179-031	2.115	AL MIN M
CUNR00	3790011	3212024	14661	14641	14641	14641
CUNR00	3790012	3212024	14661	14641	14641	14641
CUNR00	3790101	14661	14661	2024	2.115	
CUNR00	3790102	14661	14641	2024	2.115	
CUNR00	3790103	14661	14641	2024	2.115	
CUNR00	3790104	14661	14641	2024	2.115	
\$	FRAME					
\$				209-030-125-057		
CUNR00	1250571	14661	16431	2024	2.115	
CUNR00	1250572	14661	14641	2024	2.115	
\$	UPPER MAIN BEAM CAP / LEFT-HAND SIDE					
\$				209-030-157-031		
\$				STA 61.25 TO STA 146.25		
\$				209-030-160-035		
\$				STA 186.25 TO STA 243.75		
CUNR00	1570011	6167	7067	7075	0.194	
CUNR00	1570012	7067	8567	7075	0.194	
CUNR00	1570013	8567	9367	7075	0.191	
CUNR00	1570014	9367	11567	7075	0.329	
CUNR00	1570015	11567	13867	7075	0.235	
CUNR00	1570016	13867	14667	7075	0.275	
CUNR00	1570017	14667	14669	7075	0.346	
CUNR00	1600051	14669	19769	7075	0.407	
CUNR00	1600052	19769	21369	7075	0.441	
CUNR00	1600053	21369	25069	7075	0.392	
CUNR00	1600054	25069	26869	7075	0.390	
CUNR00	1600055	26869	29469	7075	0.636	
\$	LOWER MAIN BEAM CAP / LEFT-HAND SIDE					
\$				209-030-159-035		
\$				STA 61.25 TO STA 146.50		
CUNR00	1580031	6137	7037	7075	0.247	
CUNR00	1580032	7037	8537	7075	0.248	
CUNR00	1580033	8537	9337	7075	0.249	
CUNR00	1580034	9337	11537	7075	0.344	
CUNR00	1580035	11537	13837	7075	0.346	
CUNR00	1580036	13837	14837	7075	0.221	
\$	LOWER MAIN BEAM CAP / LEFT-HAND SIDE					
\$				209-030-159-035		
\$				STA 138.70 TO STA 146.25		
\$				209-030-161-019		
\$				STA 186.25 TO STA 300.42		
CUNR00	1590051	14827	14827	7075	0.274	
CUNR00	1590052	14827	15627	7075	0.303	
CUNR00	1590053	15627	18629	7075	0.315	
CUNR00	1610191	18629	21329	7075	0.412	
CUNR00	1610192	21329	21429	7075	0.445	
CUNR00	1610193	21429	22729	7075	0.522	
CUNR00	1610194	22729	25029	7075	0.348	
CUNR00	1610195	25029	26829	7075	0.341	
CUNR00	1610196	26829	29429	7075	0.351	
\$	UPPER MAIN BEAM AUXILIARY CAP / LEFT-HAND SIDE					
\$				209-030-161-019		
\$				STA 138.70 TO STA 146.25		





	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2
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CONROD	1290132	7347	7367	7375	1.116	
CONROD	1290134	8547	8567	7375	1.116	
CSHEAR	1290135	0167075	9337	9337	9347	8547
CONROD	1290141	9337	9337	7375	0.029	
CONROD	1290142	8547	9347	7375	0.377	
CONROD	1290151	8537	9347	7375	0.062	
CONROD	1290151	9337	9347	7375	0.367	
CSHEAR	1290156	0167075	8547	9347	9357	8567
CONROD	1290143	8547	9347	7375	0.377	
CONROD	1290144	8567	9367	7375	0.003	
CONROD	1290152	8547	8567	7375	0.062	
CONROD	1290154	9347	9367	7375	0.362	
MAIN BEAM WEB / LEFT-HAND SIDE						
209-030-129-185						
STA 93.37 TO STA 138.70						
DOUBLERS						
CONROD	1290732	9367	11567	7375	0.344	
CONROD	1290733	11567	13867	7375	0.344	
CONROD	1291431	9347	11547	7375	0.093	
CONROD	1291432	11547	13867	7375	0.093	
CONROD	1291111	9337	11537	7375	0.052	
CONROD	1291112	11537	13837	7375	0.052	
CONROD	1290793	9337	9347	7375	0.056	
CONROD	1290794	9347	9367	7375	0.056	
CONROD	1290691	13837	13847	7375	0.058	
CONROD	1290692	13847	13867	7375	0.058	
INNER SKIN 209-030-129-205						
CSHEAR	1292056	0257075	9337	11537	11547	9347
CONROD	1290561	9337	11537	7375	0.076	
CONROD	1290562	9347	11547	7375	0.134	
CONROD	1290571	9337	9347	7375	0.256	
CONROD	1290573	11537	11547	7375	0.256	
CSHEAR	1292057	0257075	9347	11547	11567	9367
CONROD	1290563	9347	11547	7375	0.134	
CONROD	1290564	9367	11567	7375	0.041	
CONROD	1290572	9347	9367	7375	0.256	
CONROD	1290574	11547	11567	7375	0.256	
CSHEAR	1292058	0257075	11537	13837	13847	11547
CONROD	1290581	11537	13837	7375	0.076	
CONROD	1290582	11547	13847	7375	0.139	
CONROD	1290591	11537	11547	7375	0.249	
CONROD	1290593	13837	13847	7375	0.249	
CSHEAR	1292059	0257075	11547	13847	13867	11567
CONROD	1290583	11547	13847	7375	0.139	
CONROD	1290584	11567	13867	7375	0.022	
CONROD	1290592	11547	11567	7375	0.249	
CONROD	1290594	13847	13867	7375	0.249	
OUTER SKIN 209-030-129-185						
CSHEAR	1291851	0167075	9337	11537	11547	9347
CONROD	1290501	9337	11537	7375	0.028	
CONROD	1290502	9347	11547	7375	0.028	
CONROD	1290503	9337	9347	7375	0.159	
CONROD	1290504	11537	11547	7375	0.159	
CSHEAR	1291852	0167075	11537	13837	13847	11547
CONROD	1290511	11537	13837	7375	0.031	
CONROD	1290512	11547	13847	7375	0.031	
CONROD	1290513	11537	11547	7375	0.154	
CONROD	1290514	13837	13847	7375	0.154	
OUTER SKIN 209-030-129-137						
CSHEAR	1291371	0167075	9347	11547	11567	9367
CONROD	1293701	9347	11547	7375	0.012	
CONROD	1293702	9367	11567	7375	0.012	
CONROD	1293703	9347	9367	7375	0.159	
CONROD	1293704	11547	11567	7375	0.159	



CONRAD	1242503	13327	14827	7075	0.132
CONRAD	1242504	13337	14837	7075	0.131
CONRAD	1242512	13827	13817	7075	0.096
CONRAD	1242514	14827	14837	7075	0.095
\$	OUTER SKIN	209-030-129-057			0.116 ALUMINUM
C SHEAR	1240571	0167075	14837	14837	14837 13827
CONRAD	1242504	13337	14837	7075	0.131
CONRAD	1242502	13347	14847	7075	0.131
CONRAD	1242503	13337	13847	7075	0.056
CONRAD	1242504	14837	14847	7075	0.056
\$	OUTER SKIN	209-030-129-059			0.025 ALUMINUM
C SHEAR	1240571	0167075	13847	13847	14837 13827
CONRAD	1242521	13848	13847	7075	0.052
CONRAD	1242522	13847	14867	7075	0.053
CONRAD	1242523	13848	13847	7075	0.044
CONRAD	1242524	13847	14867	7075	0.044
C TRIM	1240592	0257075	13947	14847	14867
\$					MAIN REAR WEB / LEFT-HAND SIDE
\$					209-030-138-035
\$					STA 148.50 TO STA 186.25
\$	DOUBLERS				
CONRAD	1380291	14867	18649	7075	0.139
CONRAD	1380291	14827	15627	7075	0.182
CONRAD	1380311	14827	18629	7075	0.186
CONRAD	1380432	14827	14837	7075	0.075
CONRAD	1380491	14837	14847	7075	0.075
CONRAD	1380492	14847	14867	7075	0.075
CONRAD	1380191	18629	18639	7075	0.070
CONRAD	1380192	18639	18649	7075	0.070
CONRAD	1380193	18649	18654	7075	0.070
CONRAD	1380194	18654	18659	7075	0.070
CONRAD	1380195	18659	18669	7075	0.070
\$	INNER SKIN	209-030-138-041			0.020 GLASS FABRIC
C SHEAR	1380411	0200076	14827	15627	15637 14837
CONRAD	1384101	14827	15627	0076	0.088
CONRAD	1384102	14837	15637	0076	0.086
CONRAD	1384103	14827	14837	0076	0.071
CONRAD	1384104	14827	15637	0076	0.071
C SHEAR	1380412	0200076	15627	18629	18639 15637
CONRAD	1384111	15627	18629	0076	0.088
CONRAD	1384112	15637	18639	0076	0.088
CONRAD	1384121	15627	15637	0076	0.298
CONRAD	1384124	18629	18639	0076	0.298
C TRIM	1380413	0200076	14837	15637	14847
C SHEAR	1380414	0200076	15637	18639	18649 14847
CONRAD	1384113	15637	18639	0076	0.096
CONRAD	1384114	14847	18649	0076	0.096
CONRAD	1384122	15637	14847	0076	0.334
CONRAD	1384125	18639	18649	0076	0.334
C SHEAR	1380415	0200076	14847	18654	18659 14867
CONRAD	1384115	14847	18654	0076	0.075
CONRAD	1384116	14867	18659	0076	0.075
CONRAD	1384123	14847	14867	0076	0.369
CONRAD	1384126	18654	18659	0076	0.369
\$	INTERIOR SKIN	209-030-138-035			0.116 TITANIUM
C SHEAR	1380351	0169046	14827	15627	15637 14837
CONRAD	1383501	14827	15627	9046	0.031
CONRAD	1383502	14837	15637	9046	0.031
CONRAD	1383503	14827	14837	9046	0.056
CONRAD	1383504	15627	15637	9046	0.066
\$	INTERIOR SKIN	209-030-138-043			0.040 TITANIUM
C SHEAR	1380431	0409046	14827	15627	15637 14837
CONRAD	1384301	14827	15627	9046	0.096
CONRAD	1384302	14837	15637	9046	0.096
CONRAD	1384303	14827	14837	9046	0.183



CONROD	1170521	19749	21349	7075	0.143
CONROD	1170522	19759	21369	7075	0.143
CONROD	1170523	19749	21369	7075	0.143
CONROD	1170524	21349	21369	7075	0.143
CONROD	1170525	21349	21369	7075	0.143
MAIN BEAM WEB / LEFT-HAND SIDE					
209-030-119-017					
STA 180.28 TO STA 213.94					
CONROD	1800171	18629	21349	2024	0.491
MAIN BEAM WEB / LEFT-HAND SIDE					
209-030-119-001					
STA 213.94 TO STA 250.00					
DOUBLERS					
CONROD	1190211	21369	25069	7075	0.229
CONROD	1190171	21329	21829	7075	0.284
CONROD	1190172	21829	22729	7075	0.300
CONROD	1190173	22729	25029	7075	0.353
CONROD	1190231	21329	21349	7075	0.174
CONROD	1190232	21349	21369	7075	0.178
CONROD	1190191	25029	25049	7075	0.162
CONROD	1190192	25049	25069	7075	0.167
INNER SKIN 209-030-119-009 -020 GLASS FABRIC					
CTRMEM	1190091	0200076	21329	21829	21349
CTRMEM	1190092	0200076	21829	22729	21349
CSHEAR	1190093	0200076	22729	25029	25049
CONROD	1190901	22729	25029	0076	0.131
CONROD	1190902	21349	25049	0076	0.203
CONROD	1190911	22729	21349	0076	0.292
CONROD	1190913	25029	25049	0076	0.292
CSHEAR	1190094	0200076	21349	25049	25069
CONROD	1190903	21349	25049	0076	0.203
CONROD	1190904	21369	25069	0076	0.014
CONROD	1190912	21349	21369	0076	0.361
CONROD	1190914	25049	25069	0076	0.361
INTERIOR SKIN 209-030-119-013 -032 TITANIUM					
CTRMEM	1190131	0329046	21329	21829	21349
CTRMEM	1190132	0329046	21829	22729	21349
OUTER SKIN 209-030-119-035 -016 TITANIUM					
CTRMEM	1190051	0169046	21329	21829	21349
CTRMEM	1190052	0169046	21829	22729	21349
CSHEAR	1190053	0169046	22729	25029	25049
CONROD	1190501	22729	25029	9046	0.105
CONROD	1190502	21349	25049	9046	0.162
CONROD	1190511	22729	21349	9046	0.234
CONROD	1190513	25029	25049	9046	0.234
CSHEAR	1190054	0169046	21349	25049	25069
CONROD	1190503	21349	25049	9046	0.162
CONROD	1190504	21369	25069	9046	0.027
CONROD	1190512	21349	21369	9046	0.288
CONROD	1190514	25069	25069	9046	0.288
MAIN BEAM WEB / LEFT-HAND SIDE					
209-030-117-047					
STA 250.00 TO 85 41.32					
DOUBLERS					
CONROD	1170191	26869	29969	7075	0.069
CONROD	1170211	26829	29929	7075	0.068
CONROD	1170511	26829	26849	7075	0.043
CONROD	1170512	26849	26869	7075	0.043
CONROD	1170231	29929	29949	7075	0.053
CONROD	1170232	29949	29969	7075	0.053







CBAR	3003170	3003170	30045	31745	0.0	0.0	1.0	1
PBAR	3003170	1	42.74	6244.0	5194.4	1406.6	0.0	1
CBAR	3173300	3173300	31745	33445	0.0	0.0	1.0	1
PBAR	3173300	1	47.46	5900.1	4640.4	2917.8	0.0	1
CBAR	3173390	3173390	31845	35445	0.0	0.0	1.0	1
PBAR	3173390	1	41.49	4652.6	3370.8	1866.3	0.0	1
CBAR	3593800	3593800	35945	34045	0.0	0.0	1.0	1
PBAR	3593800	1	38.74	3323.3	2797.5	1427.4	0.0	1
CBAR	3804010	3804010	38045	40145	0.0	0.0	1.0	1
PBAR	3804010	1	37.56	2331.9	2414.3	1113.3	0.0	1
CBAR	4014220	4014220	40145	42245	0.0	0.0	1.0	1
PBAR	4014220	1	36.72	1782.4	1914.3	861.7	0.0	1
CBAR	4224430	4224430	42245	44345	0.0	0.0	1.0	1
PBAR	4224430	1	34.77	1322.7	1414.5	634.5	0.0	1
CBAR	4434520	4434520	44345	46445	0.0	0.0	1.0	1
PBAR	4434520	1	34.59	1130.4	1294.5	469.2	0.0	1
CBAR	4644640	4644640	46445	48545	0.0	0.0	1.0	1
PBAR	4644640	1	35.55	1134.1	1304.3	424.4	0.0	1
VERTICAL FIN - ELASTIC AXIS REPRESENTATION								
209-347-501								
CBAR	4644800	4644800	46445	48545	0.0	0.0	1.0	1
PBAR	4644800	1	38.53	2150	323.25	113.5	0.0	1
CBAR	4804880	4804880	48045	50145	0.0	0.0	1.0	1
PBAR	4804880	1	35.13	1900	294	84.2	0.0	1
CBAR	4884970	4884970	48845	49745	0.0	0.0	1.0	1
PBAR	4884970	1	32.70	1620	256	69.0	0.0	1
CBAR	4975060	4975060	49745	50645	0.0	0.0	1.0	1
PBAR	4975060	1	30.25	1540	236.25	50.3	0.0	1
CBAR	5065150	5065150	50645	51545	0.0	0.0	1.0	1
PBAR	5065150	1	27.35	1350	175.75	46.5	0.0	1
CBAR	5155200	5155200	51545	52445	0.0	0.0	1.0	1
PBAR	5155200	1	25.45	650	126	41.7	0.0	1
ELEVATOR								
209-320-300								
CBAR	4014345	4014345	40143	40145	0.0	0.0	1.0	1
PBAR	4014345	2024	2.1143	1.3529	1.3529	2.7058	0.0	1
CBAR	4014547	4014547	40145	40147	0.0	0.0	1.0	1
PBAR	4014547	50	2.3140	1.3529	1.3529	2.7058	0.0	1
CBAR	4014142	4014142	40141	40142	0.0	0.0	1.0	1
PBAR	4014142	2024	0.9471	0.4507	0.4507	0.9014	0.0	1
CBAR	4014243	4014243	40142	40143	0.0	0.0	1.0	1
PBAR	4014243	2024	1.6745	0.8738	0.8738	1.7475	0.0	1
CBAR	4014347	4014347	40143	40147	0.0	0.0	1.0	1
PBAR	4014347	2024	2.3140	1.3529	1.3529	2.7058	0.0	1
CBAR	4014748	4014748	40147	40148	0.0	0.0	1.0	1
PBAR	4014748	2024	1.6745	0.8738	0.8738	1.7475	0.0	1
CBAR	4014649	4014649	40146	40149	0.0	0.0	1.0	1
PBAR	4014649	2024	2.9471	0.4507	0.4507	0.9014	0.0	1
MAIN ROTOR Pylon SUPPORT STRUCTURE								
PYLON BEAM - RIGHT SIDE								
209-330-121-061								
STA 170.25 TO STA 213.94								
CBAR	1210611	1210611	121061	121063	0.0	0.0	1.0	1
PBAR	1210611	7075	0.664	0.3414	0.3414	0.6828	0.0	1
CBAR	1210612	1210612	121063	121065	0.0	0.0	1.0	1
PBAR	1210612	7075	0.664	0.3414	0.3414	0.6828	0.0	1

8-200

8-201

CONRAD	2044719	15627	15629	7075	0.296
CONRAD	2044720	15621	18621	7075	0.050
CONRAD	2044721	15623	18621	7075	0.195
CONRAD	2044722	15627	18629	7075	0.195
CONRAD	2044723	15629	18629	7075	0.050
CONRAD	2044724	18621	18623	7075	0.180
CONRAD	2044725	18623	18625	7075	0.180
CONRAD	2044726	18625	18627	7075	0.180
CONRAD	2044727	18627	18629	7075	0.180
§ LOWER SKIN 209-030-212-001 -040 ALUMINUM					
CSHEAR	2120011	0407075	13823	14823	14827 13827
CONRAD	2120101	13823	14823	2024	0.133
CONRAD	2120102	13827	14827	2024	0.133
CONRAD	2120103	13823	13827	2024	0.392
CONRAD	2120104	14823	14827	2024	0.392
§ LOWER SKIN 209-030-204-081 -016 TITANIUM					
CSHEAR	2040811	0169046	14821	15621	15623 14823
CONRAD	2048101	14821	15621	9046	0.050
CONRAD	2048102	14823	15623	9046	0.050
CONRAD	2048105	14821	14823	9046	0.062
CONRAD	2048107	15621	15623	9046	0.062
CTANEM	2040812	0169046	14823	15623	15625
CTANEM	2040813	0169046	14823	15623	14827
CTANEM	2040814	0169046	14827	15625	15627
CSHEAR	2040815	0169046	14827	15627	15629 14829
CONRAD	2048103	14827	15627	9046	0.050
CONRAD	2048104	14829	15629	9046	0.050
CONRAD	2048106	14827	14829	9046	0.062
CONRAD	2048108	15627	15629	9046	0.062
CTANEM	2040821	0169046	15621	18621	15623
CTANEM	2040822	0169046	15623	18621	18623
CSHEAR	2040823	0169046	15623	18623	18625 15625
CONRAD	2048201	15623	18623	9046	0.057
CONRAD	2048202	15625	18625	9046	0.115
CONRAD	2048205	15623	15625	9046	0.238
CONRAD	2048207	14823	18623	9046	0.238
CSHEAR	2040824	0169046	15625	18625	18627 15627
CONRAD	2048203	15625	18625	9046	0.115
CONRAD	2048204	15627	18627	9046	0.037
CONRAD	2048206	15625	15627	9046	0.238
CONRAD	2048208	18625	18627	9046	0.238
CTANEM	2040825	0169046	15627	18627	18629
CTANEM	2040826	0169046	15627	18629	15629
§ INTERIOR SKIN 209-030-204-047 -050 TITANIUM					
CSHEAR	2040471	0509046	14821	15621	15623 14823
CONRAD	2044701	14821	15621	9046	0.152
CONRAD	2044702	14823	15623	9046	0.152
CONRAD	2044705	14821	14823	9046	0.195
CONRAD	2044707	15621	15623	9046	0.195
CSHEAR	2040472	0509046	14827	15627	15629 14829
CONRAD	2044703	14827	15627	9046	0.152
CONRAD	2044704	14829	15629	9046	0.152
CONRAD	2044706	14827	14829	9046	0.195
CONRAD	2044708	15627	15629	9046	0.195
§ UPPER SKIN 209-030-204-079 -020 GLASS FABRIC					
CTANEM	2040791	0200076	14823	15623	15625
CTANEM	2040792	0200076	14823	15625	14827
CTANEM	2040793	0200076	14827	15625	15627
CTANEM	2040794	0200076	15623	18621	18623
CSHEAR	2040795	0200076	15623	18623	18625
CONRAD	2047901	15623	18623	0076	0.072
CONRAD	2047902	15625	18625	0076	0.144
CONRAD	2047905	15623	15625	0076	0.298
CONRAD	2047907	18623	18625	0076	0.298
CSHEAR	2040796	0200076	15625	18625	18627 15627
CONRAD	2047903	15625	18625	0076	0.144



STA 213.94 TO STA 250.00

DOUBLERS

CORRO	2060850	21321	21821	7075	0.180
CORRO	2060851	21329	21829	7075	0.180
CORRO	2060852	21321	21323	7075	0.205
CORRO	2060853	21323	21325	7075	0.205
CORRO	2060854	21325	21327	7075	0.205
CORRO	2060855	21327	21329	7075	0.205
CORRO	2060856	21821	21823	7075	0.242
CORRO	2060857	21823	21825	7075	0.242
CORRO	2060858	21825	21827	7075	0.242
CORRO	2060859	21827	21829	7075	0.242
CORRO	2060501	21821	22721	7075	0.174
CORRO	2060271	21829	22729	7075	0.174
CORRO	2060231	22721	22723	7075	0.145
CORRO	2060232	22723	22725	7075	0.145
CORRO	2060233	22725	22727	7075	0.145
CORRO	2060234	22727	22729	7075	0.145
CORRO	2060211	22721	25021	7075	0.084
CORRO	2060191	22729	25029	7075	0.084
CORRO	2060391	25021	25025	7075	0.111
CORRO	2060392	25025	25029	7075	0.111
LOWER SKIN 209-030-206-007 .016 TITANIUM					
C SHEAR	2060871	0169046	21321	21821	21823
CORRO	2068701	21321	21821	9046	0.017
CORRO	2068702	21323	21823	9046	0.093
CORRO	2068711	21321	21323	9046	0.040
CORRO	2068715	21821	21823	9046	0.040
C SHEAR	2060872	0169046	21323	21823	21825
CORRO	2068703	21323	21823	9046	0.093
CORRO	2068704	21325	21825	9046	0.059
CORRO	2068712	21323	21325	9046	0.040
CORRO	2068716	21823	21825	9046	0.040
C SHEAR	2060873	0169046	21325	21825	21827
CORRO	2068705	21325	21825	9046	0.059
CORRO	2068706	21327	21827	9046	0.093
CORRO	2068713	21325	21327	9046	0.040
CORRO	2068717	21825	21827	9046	0.040
C SHEAR	2060874	0169046	21327	21827	21829
CORRO	2068707	21327	21827	9046	0.093
CORRO	2068708	21329	21829	9046	0.017
CORRO	2068714	21327	21329	9046	0.040
CORRO	2068718	21827	21829	9046	0.040
C SHEAR	2060875	0169046	21821	22721	22723
CORRO	2068721	21821	22721	9046	0.014
CORRO	2068722	21823	22723	9046	0.092
CORRO	2068731	21821	21823	9046	0.069
CORRO	2068735	22721	22723	9046	0.069
C SHEAR	2060876	0169046	21823	22723	22725
CORRO	2068723	21823	22723	9046	0.092
CORRO	2068724	21825	22725	9046	0.059
CORRO	2068732	21823	21825	9046	0.069
CORRO	2068736	22723	22725	9046	0.069
C SHEAR	2060877	0169046	21825	22725	22727
CORRO	2068725	21825	22725	9046	0.059
CORRO	2068726	21827	22727	9046	0.092
CORRO	2068733	21825	21827	9046	0.069
C SHEAR	2060878	0169046	21827	22727	22729
CORRO	2068727	21827	22727	9046	0.069
CORRO	2068728	21829	22729	9046	0.014
CORRO	2068734	21827	21829	9046	0.069
CORRO	2068738	22727	22729	9046	0.069
CFR MEM	206J881	0169046	22721	25021	22723
C SHEAR	2060882	0169046	22723	25021	25025







CONRAD	2076501	26821	29921	2024	0.019
CONRAD	2076502	26825	29925	2024	0.065
CONRAD	2076511	26821	29925	2024	0.111
CONRAD	2076513	29921	29925	2024	0.111
CSHEAR	207652	0082024	29925	2024	26829
CONRAD	2076503	26825	29925	2024	0.065
CONRAD	2076504	26829	29925	2024	0.013
CONRAD	2076512	26825	29925	2024	0.111
CONRAD	2076514	29925	29929	2024	0.111
CSHEAR	207651	209-030-207-087	29925	2024	0.016
CONRAD	207651	0162024	29921	2024	26825
CONRAD	2076701	26821	29921	2024	0.063
CONRAD	2076702	26825	29925	2024	0.141
CONRAD	2076711	26821	26825	2024	0.248
CONRAD	2076713	29921	29925	2024	0.248
CSHEAR	207672	0162024	29925	2024	26829
CONRAD	2076703	26825	29925	2024	0.141
CONRAD	2076704	26829	29929	2024	0.063
CONRAD	2076712	26825	26829	2024	0.248
CONRAD	2076714	29925	29929	2024	0.248
GUNNERS FLOOR - WL 46.00					
209-030-201-089					
STA 46.00 TO STA 43.00					
DOUBLERS					
CONRAD	2010191	4633	6131	2024	0.018
CONRAD	2010192	4637	6139	2024	0.018
CONRAD	2010211	4633	4637	2024	0.024
CSHEAR	2010871	0122024	6131	2024	0.012
CONRAD	2010872	0122024	6133	2024	6133
CONRAD	2016701	4633	6133	2024	6137
CONRAD	2016702	4637	6137	2024	0.029
CONRAD	2016703	4633	4637	2024	0.076
CONRAD	2016704	6133	6137	2024	0.076
CSHEAR	201673	0122024	4637	2024	6139
CSHEAR	2010851	0322024	6131	2024	0.032
CONRAD	2018501	6131	7031	2024	6133
CONRAD	2018502	6133	7033	2024	0.032
CONRAD	2018507	6131	6133	2024	0.032
CONRAD	2018513	7031	7033	2024	0.127
CSHEAR	201852	0322024	6133	2024	6137
CONRAD	2018503	6133	7033	2024	0.320
CONRAD	2018504	6137	7037	2024	0.320
CONRAD	2018504	6133	6137	2024	0.127
CONRAD	2018511	7033	7037	2024	0.127
CSHEAR	2010853	0322024	6137	2024	6139
CONRAD	2018505	6137	7037	2024	0.032
CONRAD	2018506	6139	7039	2024	0.032
CONRAD	2018509	6137	6139	2024	0.127
CONRAD	2018512	7037	7039	2024	0.127
CSHEAR	2010854	0322024	7031	2024	8531
CONRAD	2018521	7031	8531	2024	8533
CONRAD	2018522	7033	8533	2024	0.062
CONRAD	2018525	7031	7033	2024	0.232
CONRAD	2018527	8531	8533	2024	0.232
CSHEAR	2010856	0322024	7037	2024	8539
CONRAD	2018524	7037	8537	2024	0.062
CONRAD	2018524	7039	8539	2024	0.062
CONRAD	2018526	7037	7039	2024	0.232
CONRAD	2018528	8537	8539	2024	0.232
CSHEAR	2010857	0322024	8531	2024	8533
CONRAD	2018531	8531	9331	2024	0.082
CONRAD	2018532	8533	9333	2024	0.082

CUNROD	2018537	8531	8533	2024	0-098	
CUNROD	2018540	9331	9333	2024	0-098	
CUNROD	2018548	022024	8533	9333	8537	
CUNROD	2018553	8533	9333	2024	0-320	
CUNROD	2018556	8537	9337	2024	0-320	
CUNROD	2018558	8533	8537	2024	0-098	
CUNROD	2018561	9333	9337	2024	0-098	
CUNROD	2018559	0322024	8537	9337	8539	
CUNROD	2018535	8537	9337	2024	0-082	
CUNROD	2018536	8539	9339	2024	0-082	
CUNROD	2018539	8537	8539	2024	0-098	
CUNROD	2018542	9337	9339	2024	0-098	
§ INTERIOR SKIN 209-030-201-053						
CUNROD	2010531	0162024	6131	7031	7033	6133
CUNROD	2015301	6131	7031	2024	0-029	
CUNROD	2015302	6133	7033	2024	0-029	
CUNROD	2015307	6131	6133	2024	0-076	
CUNROD	2015310	7031	7033	2024	0-076	
CUNROD	2015322	0162024	6133	7033	6137	
CUNROD	2015303	6133	7033	2024	0-160	
CUNROD	2015304	6137	7037	2024	0-160	
CUNROD	2015308	6133	6137	2024	0-076	
CUNROD	2015311	7033	7037	2024	0-076	
CUNROD	2015333	0162024	6137	7037	6139	
CUNROD	2015303	6137	7037	2024	0-029	
CUNROD	2015306	6139	7039	2024	0-029	
CUNROD	2015309	6137	6139	2024	0-076	
CUNROD	2015312	7037	7039	2024	0-076	
CUNROD	2015324	0162024	7031	8531	8533	7033
CUNROD	2015321	7031	8531	2024	0-044	
CUNROD	2015322	7033	8533	2024	0-044	
CUNROD	2015325	7031	7033	2024	0-116	
CUNROD	2015327	8531	8533	2024	0-116	
CUNROD	2015336	0162024	7037	8537	8539	7039
CUNROD	2015323	7037	8537	2024	0-044	
CUNROD	2015324	7039	8539	2024	0-044	
CUNROD	2015326	7037	7039	2024	0-116	
CUNROD	2015328	8537	8539	2024	0-116	
CUNROD	2015337	0162024	8531	9331	9333	8533
CUNROD	2015331	8531	9331	2024	0-054	
CUNROD	2015332	8533	9333	2024	0-054	
CUNROD	2015337	8531	8533	2024	0-062	
CUNROD	2015343	9331	9333	2024	0-062	
CUNROD	2015338	0162024	8533	9333	9337	8537
CUNROD	2015333	8533	9333	2024	0-160	
CUNROD	2015334	8537	9337	2024	0-160	
CUNROD	2015338	8533	8537	2024	0-062	
CUNROD	2015341	9333	9337	2024	0-062	
CUNROD	2015336	8539	9339	2024	0-054	
CUNROD	2015335	8537	9337	2024	0-054	
CUNROD	2015339	8537	8539	2024	0-062	
CUNROD	2015342	9337	9339	2024	0-062	
§ UPPER SKIN 209-030-201-069						
ALUMINUM						
CUNROD	2010491	0202024	6131	6133	6133	
CUNROD	2010492	0202024	6133	6133	6137	4637
CUNROD	2016901	6133	6133	2024	0-062	
CUNROD	2016902	6137	6137	2024	0-062	
CUNROD	2016903	6133	6137	2024	0-151	
CUNROD	2016904	6133	6137	2024	0-151	
CUNROD	2010493	0202024	6137	6137	6139	
CUNROD	2010494	0202024	6131	7031	7033	6133
CUNROD	2016911	6131	7031	2024	0-036	
CUNROD	2016912	6133	7033	2024	0-036	
CUNROD	2016917	6131	6133	2024	0-095	
CUNROD	2016920	7031	7033	2024	0-095	

CSHEAR	2010695	0202324	6133	7037	7037	6137
CONROD	2016913	6133	7033	7037	7037	
CONROD	2016914	6133	7037	7037	7037	
CONROD	2016918	6133	7037	7037	7037	
CSHEAR	2016921	7033	7037	7037	7037	6137
CONROD	2016926	0202024	6137	7037	7037	
CONROD	2016915	6137	7037	7037	7037	
CONROD	2016916	6139	7039	7039	7039	
CONROD	2016919	6137	6139	7039	7039	
CONROD	2016922	7037	7039	7039	7039	
CSHEAR	2010697	0202024	7031	7031	7031	7033
CONROD	2016931	7031	8531	7031	7031	
CONROD	2016932	7033	8533	7033	7033	
CONROD	2016935	7031	7033	7033	7033	
CONROD	2016937	8531	8533	7033	7033	
CSHEAR	2010699	0202024	7037	7037	7037	7039
CONROD	2016933	7037	8537	7037	7037	
CONROD	2016934	7039	8539	7039	7039	
CONROD	2016936	7037	7039	7039	7039	
CONROD	2016938	8537	8539	7039	7039	
CSHEAR	2010701	0202024	8531	9331	9331	8533
CONROD	2017001	8531	9331	9331	9331	
CONROD	2017002	8533	9333	9333	9333	
CONROD	2017007	8531	9333	9333	9333	
CONROD	2017010	9331	9333	9333	9333	
CSHEAR	2010702	0202024	8533	9333	9333	8537
CONROD	2017003	8533	9333	9333	9333	
CONROD	2017004	8537	9337	9337	9337	
CONROD	2017008	8533	9337	9337	9337	
CONROD	2017011	9333	9337	9337	9337	
CSHEAR	2010703	0202024	8537	9337	9337	8539
CONROD	2017005	8537	9337	9337	9337	
CONROD	2017006	8539	9339	9339	9339	
CONROD	2017009	8537	9339	9339	9339	
CONROD	2017012	9337	9339	9339	9339	
TURRET SUPPORT FITTINGS - FWD						
209-030-251-002						
CONROD	2510021	7033	7043	2014	0.585	
CONROD	2510022	7037	7047	2014	0.549	
TURRET SUPPORT FITTINGS - AFT						
209-030-187-003						
CONROD	1870031	8533	8543	2014	0.581	
CONROD	1870032	8537	8547	2014	0.574	
XM-28 ARMAMENT SUBSYSTEM - TURRET						
MPC	1000	7033	1	1.0	7505	1
67505FR1		7505	5	-15.00	7505	6
MPC	1000	7033	2	1.0	7505	2
67505FR2		7505	4	15.00	7505	6
MPC	1000	7033	3	1.0	7505	3
67505FR3		7505	4	-10.00	7505	5
MPC	1000	7037	1	1.0	7505	1
67505FL1		7505	5	-15.00	7505	6
MPC	1000	7037	2	1.0	7505	2
67505FL2		7505	4	15.00	7505	6
MPC	1000	7037	3	1.0	7505	3
67505FL3		7505	4	10.00	7505	5
MPC	1000	8533	1	1.0	7505	1
67505AR1		7505	5	-15.00	7505	6
MPC	1000	9333	2	1.0	7505	2
67505AR2		7505	4	15.00	7505	6
						-9.76

MPC 1000 8533 3 1-1 7505 3 -1.0 7505A83  
 7505A43 7505 4 -10.00 7505 5 -1.0 7505A11  
 MPC 1000 8537 1 1-1 7505 1 -1.0 7505A12  
 7505A11 7505 5 -15.00 7505 6 -1.0 7505A13  
 MPC 1000 8537 2 1-1 7505 2 -1.0 7505A13  
 7505A12 7505 4 15.00 7505 6 -1.0 7505A13  
 MPC 1000 8537 3 1-0 7505 3 -1.0 7505A13  
 7505A13 7505 4 10.00 7505 5 9.76

AMMUNITION COVER - AL 46.00  
 209-030-217-005  
 STA 102-00 TO STA 138.70

\$ DOUBLERS  
 CONROD 2170171 9333 11533 2024 0.027  
 CONROD 2170101 9333 11533 2024 0.052  
 CONROD 2170172 11533 13833 2024 0.027  
 CONROD 2170102 11533 13833 2024 0.052  
 CONROD 2170291 9337 11537 2024 0.027  
 CONROD 2170091 9337 11537 2024 0.052  
 CONROD 2170292 11537 13837 2024 0.027  
 CONROD 2170092 11537 13837 2024 0.052  
 CONROD 2170191 9333 9337 2024 0.032  
 CONROD 2360031 9333 9337 2024 0.108  
 CONROD 2170271 13833 13837 2024 0.032  
 \$ LOWER SKIN 209-030-211-007 .032 ALUMINUM  
 CSHEAR 2110071 032024 9331 9333 11533 11531  
 CONROD 2110701 9331 11531 2024 0.109  
 CONROD 2110704 9333 11533 2024 0.109  
 CONROD 2110707 9331 9333 2024 0.361  
 CONROD 2110708 11531 11533 2024 0.361  
 CSHEAR 2110072 032024 11531 11533 13833 13831  
 CONROD 2110702 11531 13831 2024 0.109  
 CONROD 2110703 11533 13833 2024 0.109  
 CONROD 2110709 11531 11533 2024 0.370  
 CONROD 2110710 13831 13833 2024 0.370  
 CSHEAR 2110073 032024 13831 13833 14831 14831  
 CONROD 2110703 13831 14831 2024 0.109  
 CONROD 2110706 13833 14833 2024 0.109  
 CONROD 2110711 13831 13833 2024 0.157  
 CONROD 2110712 14831 14833 2024 0.157  
 CSHEAR 2110051 032024 9337 9339 11539 11537  
 CONROD 2110501 9337 11537 2024 0.109  
 CONROD 2110504 9339 11539 2024 0.109  
 CONROD 2110507 9337 9339 2024 0.361  
 CONROD 2110508 11537 11539 2024 0.361  
 CSHEAR 2110052 032024 11537 11539 13839 13837  
 CONROD 2110502 11537 13837 2024 0.109  
 CONROD 2110505 11539 13839 2024 0.109  
 CONROD 2110509 11537 11539 2024 0.370  
 CONROD 2110510 13837 13839 2024 0.370  
 CSHEAR 2110053 032024 13837 13839 14839 14837  
 CONROD 2110503 13837 14837 2024 0.109  
 CONROD 2110506 13839 14839 2024 0.109  
 CONROD 2110511 13837 13839 2024 0.157  
 CONROD 2110512 14837 14839 2024 0.157  
 \$ LOWER SKIN 209-030-217-011 .016 ALUMINUM  
 CSHEAR 2170111 0162024 9333 11533 11537 9337  
 CONROD 2171101 9333 11533 2024 0.053  
 CONROD 2171103 9337 11537 2024 0.053  
 CONROD 2171105 9333 9337 2024 0.109  
 CONROD 2171106 11533 11537 2024 0.109  
 CSHEAR 2170112 0162024 11533 14833 14837 11537  
 CONROD 2171102 11533 13833 2024 0.053  
 CONROD 2171104 11537 13837 2024 0.053  
 CONROD 2171107 11533 11537 2024 0.183

CONRAD 2171108 1333 1337 2026 0.141  
 \$ UPPER SKIN 279-030-217-033 -012 ALUMINUM 9317  
 CSHEAR 2170331 012026 9333 11533 11537 0.028  
 CONRAD 2173301 9333 11533 2026 0.028  
 CONRAD 2173303 9333 11537 2026 0.028  
 CONRAD 2173305 9333 9337 2026 0.075  
 CONRAD 2173306 11533 11537 2026 0.075  
 CSHEAR 2170332 012026 11533 1343 1347 11537  
 CONRAD 2173302 11533 1333 2026 0.028  
 CONRAD 2173304 11537 1337 2026 0.028  
 CONRAD 2173307 11533 11537 2026 0.131  
 CONRAD 2173308 1333 1337 2026 0.131  
 \$  
 \$ PILEUP FLUOR - WL 55.00  
 \$ 239-030-232-001  
 \$ STA 05.04 TO STA 146.50  
 \$  
 \$ DOUBLES  
 CONRAD 2020291 9343 11543 2026 0.027  
 CONRAD 1560041 9343 11543 2026 0.132  
 CONRAD 2020292 11543 1343 2026 0.026  
 CONRAD 1560042 11543 1343 2026 0.130  
 CONRAD 2020293 1343 1343 2026 0.030  
 CONRAD 1560043 1343 1343 2026 0.144  
 CONRAD 2020294 9347 11547 2026 0.027  
 CONRAD 1560044 9347 11547 2026 0.124  
 CONRAD 2020295 11547 1343 2026 0.026  
 CONRAD 1560045 11547 1343 2026 0.122  
 CONRAD 2020296 1343 1343 2026 0.040  
 CONRAD 1560046 1343 1343 2026 0.122  
 CONRAD 2020297 1343 9347 2026 0.183  
 CONRAD 1560047 1343 1343 2026 0.041  
 CONRAD 2020298 1343 1343 2026 0.027  
 \$ LOWER SKIN 209-030-207-077 -016 ALUMINUM 9347  
 CSHEAR 2070371 012026 9343 11543 11547 9347  
 CONRAD 2077701 9343 11543 2026 0.034  
 CONRAD 2077702 9347 11547 2026 0.034  
 CONRAD 2077703 9343 9347 2026 0.130  
 CSHEAR 2070772 012026 11543 1343 1347 11547  
 CONRAD 2077704 11543 1343 2026 0.031  
 CONRAD 2077705 11547 1343 2026 0.031  
 CONRAD 2077706 11543 11547 2026 0.176  
 CONRAD 2077707 1343 1343 2026 0.176  
 CSHEAR 2070778 012026 1343 1343 1347 1347  
 CONRAD 2077708 1343 1343 2026 0.029  
 CONRAD 2077709 1343 1343 2026 0.029  
 CONRAD 2077710 1343 1343 2026 0.063  
 CONRAD 2077711 1343 1343 2026 0.063  
 CONRAD 2077712 1343 1343 2026 0.063  
 \$ UPPER SKIN 209-030-202-073 -020 ALUMINUM 9347  
 CSHEAR 2020731 020202 9343 11543 11547 9347  
 CONRAD 2027301 9343 11543 2026 0.065  
 CONRAD 2027302 9347 11547 2026 0.065  
 CONRAD 2027303 9343 9347 2026 0.200  
 CONRAD 2027304 11543 11547 2026 0.200  
 CSHEAR 2020732 020202 11543 1343 1347 11547  
 CONRAD 2027305 11543 1343 2026 0.065  
 CONRAD 2027306 11547 1343 2026 0.065  
 CONRAD 2027307 11543 11547 2026 0.231  
 CONRAD 2027308 1343 1343 2026 0.231  
 CSHEAR 2020733 020202 1343 1343 1347 1347  
 CONRAD 2027309 1343 1343 2026 0.065  
 CONRAD 2027310 1343 1343 2026 0.065  
 CONRAD 2027311 1343 1343 2026 0.097  
 CONRAD 2027312 1343 1343 2026 0.097

















[illegible]

CUMRU 5850817 4669 2024 J-053  
 CUMRU 5850818 4669 2024 J-053  
 5  
 5 MOSE STRUCTURE  
 5 STA 46-00 TO STA 61.25  
 5  
 5 DOUBLES  
 CUMRU 5850851 4661 2024 J-053  
 CUMRU 5850852 4669 2024 J-053  
 CUMRU 5850790 4633 2024 U-0585  
 CUMRU 5850791 4637 2024 U-0585  
 5 INNER SKIN 209-030-585-089 -010 GLASS FABRIC  
 CUMRU 5850921 0100076 4661 6171 6179 4669  
 CUMRU 5850922 0100076 4661 6171 6161  
 CUMRU 5850923 0100076 4661 6161 6641  
 CUMRU 5850924 0100076 6161 6161 6641  
 CUMRU 5850925 0100076 6641 6161 6631  
 CUMRU 5850926 0100076 6161 6131 6631  
 CUMRU 5850927 0100076 6631 6131 6633  
 CUMRU 5850928 0100076 6131 6123 6633  
 CUMRU 5850929 0100076 6633 6123 6127  
 CUMRU 5850930 0100076 6139 6127 6637  
 CUMRU 5850931 0100076 6639 6139 6637  
 CUMRU 5850932 0100076 6149 6139 6639  
 CUMRU 5850933 0100076 4669 6149 6639  
 CUMRU 5850934 0100076 6169 6149 6649  
 CUMRU 5850935 0100076 4669 6169 6649  
 CUMRU 5850936 0100076 4669 6179 6169  
 5 INTERIOR SKIN 209-030-585-005 -010 GLASS FABRIC  
 CUMRU 5850521 0100076 4661 6171 6179 4669  
 CUMRU 5850522 0100076 4661 6171 6161  
 CUMRU 5850523 0100076 4661 6161 6641  
 CUMRU 5850524 0100076 6161 6161 6641  
 CUMRU 5850525 0100076 4661 6161 6631  
 CUMRU 5850526 0100076 6161 6131 6631  
 CUMRU 5850527 0100076 4631 6131 6633  
 CUMRU 5850528 0100076 6131 6123 6633  
 CUMRU 5850529 0100076 6633 6123 6127  
 CUMRU 5850530 0100076 6139 6127 6637  
 CUMRU 5850531 0100076 6639 6139 6637  
 CUMRU 5850532 0100076 6149 6139 6639  
 CUMRU 5850533 0100076 4669 6149 6639  
 CUMRU 5850534 0100076 6169 6149 6649  
 CUMRU 5850535 0100076 4669 6169 6649  
 CUMRU 5850536 0100076 4669 6179 6169  
 5 OUTER SKIN 209-030-585-003 -010 GLASS FABRIC  
 CUMRU 5850321 0100076 4661 6171 6179 4669  
 CUMRU 5850322 0100076 4661 6171 6161  
 CUMRU 5850323 0100076 4661 6161 6641  
 CUMRU 5850324 0100076 6161 6161 6641  
 CUMRU 5850325 0100076 4661 6161 6631  
 CUMRU 5850326 0100076 6161 6131 6631  
 CUMRU 5850327 0100076 4631 6131 6633  
 CUMRU 5850328 0100076 6131 6123 6633  
 CUMRU 5850329 0100076 4633 6123 6127  
 CUMRU 5850330 0100076 6139 6127 6637  
 CUMRU 5850331 0100076 4639 6139 6637  
 CUMRU 5850332 0100076 6149 6139 6639  
 CUMRU 5850333 0100076 4669 6149 6639  
 CUMRU 5850334 0100076 6169 6149 6649  
 CUMRU 5850335 0100076 4669 6169 6649  
 CUMRU 5850336 0100076 4669 6179 6169  
 5 FRAME  
 CUMRU 5940041 0322024 4641 6161 6163  
 CUMRU 5940171 0322024 4649 6167 6169  
 5 BULKHEAD DOUBLES



100

100





CONRAD	1483747	14837	14847	7075	0.342
CONRAD	1484767	14847	14867	7075	0.342
CONRAD	1484929	14809	14829	7075	0.130
CONRAD	1484939	14829	14839	7075	0.130
CONRAD	1484944	14839	14849	7075	0.130
CONRAD	1484969	14849	14859	7075	0.130
CONRAD	1484989	14869	14889	7075	0.121
S SHEAR WEBS					
CTRMEN	1480121	0727075	14801	14821	14823
CTRMEN	1480123	0727075	14801	14823	14803
CTRMEN	1480327	0727075	14803	14823	14827
CTRMEN	1480727	0727075	14807	14827	14809
CTRMEN	1480927	0727075	14809	14827	14829
CTRMEN	1482133	0327075	14821	14831	14833
CTRMEN	1482337	0169046	14823	14833	14837
CTRMEN	1482739	0327075	14827	14837	14839
CTRMEN	1483143	0327075	14831	14841	14843
CTRMEN	1483347	0169046	14833	14843	14847
CTRMEN	1483749	0327075	14837	14847	14849
CTRMEN	1484163	0327075	14841	14861	14863
CTRMEN	1484367	0169046	14843	14863	14867
CTRMEN	1484769	0327075	14847	14867	14869
CTRMEN	1484183	0327075	14841	14881	14883
CTRMEN	1484387	0327075	14843	14883	14887
CTRMEN	1484789	0327075	14847	14887	14889

STA 156.41 BULKHEAD  
209-030-105-001

S SHEAR WEBS					
CTRMEN	1560121	0327075	15601	15621	15623
CTRMEN	1560123	0327075	15601	15623	15603
CTRMEN	1560323	0327075	15603	15623	15625
CTRMEN	1560325	0327075	15603	15625	15607
CTRMEN	1560725	0327075	15607	15625	15627
CTRMEN	1560727	0327075	15607	15627	15609
CTRMEN	1560927	0327075	15609	15627	15629

STA 186.25 BULKHEAD  
209-030-107-009

S FRAMES AND DOUBLERS					
CONRAD	1860103	18601	18603	2024	0.123
CONRAD	1860307	18603	18607	2024	0.123
CONRAD	1860709	18607	18609	2024	0.123
CONRAD	1862123	18621	18623	7075	0.278
CONRAD	1862325	18623	18625	7075	0.278
CONRAD	1862527	18625	18627	7075	0.278
CONRAD	1862729	18627	18629	7075	0.278
CONRAD	1868183	18681	18683	7075	0.328
CONRAD	1868385	18683	18685	7075	0.328
CONRAD	1868789	18687	18689	7075	0.328
CONRAD	1862101	18601	18621	2024	0.123
CONRAD	1862131	18631	18631	2014	0.652
CONRAD	1863141	18641	18641	2014	0.548
CONRAD	1865151	18651	18651	2014	0.548
CONRAD	1865156	18656	18656	2014	0.548
CONRAD	1865661	18656	18661	2014	0.203
CONRAD	1866181	18661	18661	2024	0.123
CONRAD	1860929	18609	18629	2024	0.487
CONRAD	1862939	18629	18639	2014	0.487
CONRAD	1863949	18639	18649	2014	0.588
CONRAD	1864954	18649	18654	2014	0.588
CONRAD	1865459	18654	18659	2014	0.588
CONRAD	1865969	18659	18669	2014	0.588

CONROU 1866989 18664 18664				J-203			
S SHEAR WEBS				J-203			
CTRMEM	1860121	0129046	18601	18621	18623		
CTRMEM	1860123	0129046	18601	18621	18623		
CTRMEM	1860323	0129046	18601	18621	18623		
CTRMEM	1860325	0129046	18601	18621	18623		
CTRMEM	1860725	0129046	18601	18621	18623		
CTRMEM	1860727	0129046	18601	18621	18623		
CTRMEM	1860927	0129046	18601	18621	18623		
CTRMEM	1862133	0129046	18621	18633	18635		
CTRMEM	1862335	0129046	18621	18633	18635		
CTRMEM	1862537	0129046	18621	18633	18635		
CTRMEM	1862739	0129046	18621	18633	18635		
CTRMEM	1863141	0129046	18631	18641	18642		
CTRMEM	1863143	0129046	18631	18641	18642		
CTRMEM	1863343	0129046	18633	18643	18644		
CTRMEM	1863345	0129046	18633	18643	18644		
CTRMEM	1863546	0129046	18635	18645	18646		
CTRMEM	1863748	0129046	18637	18647	18648		
CTRMEM	1863948	0129046	18639	18649	18650		
CTRMEM	1865062	0129046	18650	18651	18652		
CTRMEM	1865157	0129046	18651	18651	18652		
CTRMEM	1865263	0129046	18652	18652	18653		
CTRMEM	1865263	0129046	18652	18652	18653		
CTRMEM	1865252	0129046	18652	18652	18653		
CTRMEM	1864364	0129046	18643	18643	18644		
CTRMEM	1864465	0129046	18644	18644	18645		
CTRMEM	1864467	0129046	18644	18644	18645		
CTRMEM	1864667	0129046	18646	18646	18647		
CTRMEM	1864758	0129046	18647	18647	18648		
CTRMEM	1864753	0129046	18647	18647	18648		
CTRMEM	1865069	0129046	18650	18650	18651		
CTRMEM	1865359	0129046	18653	18653	18654		
CTRMEM	1864854	0129046	18648	18648	18649		
CTRMEM	1866181	0959046	18661	18661	18662		
CTRMEM	1866281	0959046	18662	18662	18663		
CTRMEM	1866385	0129046	18663	18663	18664		
CTRMEM	1866485	0129046	18664	18664	18665		
CTRMEM	1866585	0129046	18665	18665	18666		
CTRMEM	1866687	0129046	18666	18666	18667		
CTRMEM	1866789	0959046	18667	18667	18668		
CTRMEM	1866889	0959046	18668	18668	18669		
FORWARD WING CARRY-THRU SPAR							
209-030-140							
S FRAMES AND DOUBLERS							
CBAR	1874142	1874142	18641	18642	0.0	1.0	1
CBAR	1874142	2014	1.829	0.087	0.574	0.26	1
CBAR	1874243	1874243	18642	18643	0.0	1.0	1
CBAR	1874243	6					
CBAR	1874243	2014	2.133	0.537	1.937	0.453	1
CBAR	1874344	1874344	18643	18644	0.0	1.0	1
CBAR	1874344	2014	0.9275	0.0	0.407	0.0	1
CBAR	1874445	1874445	18644	18645	0.0	1.0	1
CBAR	1874445	2014	0.9275	0.0	0.407	0.0	1
CBAR	1874546	1874546	18645	18646	0.0	1.0	1
CBAR	1874546	2014	0.9275	0.0	0.407	0.0	1
CBAR	1874647	1874647	18646	18647	0.0	1.0	1
CBAR	1874647	2014	0.9275	0.0	0.407	0.0	1
CBAR	1874748	1874748	18647	18648	0.0	1.0	1
CBAR	1874748	6					
CBAR	1874748	2014	2.133	0.537	1.937	0.453	1

1874243

1874748

CDR	1874844	1874844	18648	1.044	0.0	1.0	1.0	1	
PBAR	1874844	2014	1.828	0.087	0.574	0.26			
CDR	1875152	1875152	18651	18652	0.0	1.0	1.0	1	
PBAR	1875152	2014	1.5	0.0703	0.5	0.215			1875243
CDR	1875243	1875243	18652	18643	0.0	1.0	1.0	1	
CDR	1875243	456							
PBAR	1875243	2014	1.5	0.0703	0.5	0.215			
CDR	1874753	1874753	18647	18653	0.0	1.0	1.0	1	1874753
CDR	1874753	456							
PBAR	1874753	2014	1.5	0.0703	0.5	0.215			
CDR	1875354	1875354	18653	18656	0.0	1.0	1.0	1	
PBAR	1875354	2014	1.5	0.0703	0.5	0.215			
CDR	1875354	2014	1.5	0.0703	0.5	0.215			
CDR	1875657	1875657	18656	18657	0.0	1.0	1.0	1	
PBAR	1875657	2014	1.5	0.0703	0.5	0.215			
CDR	1875763	1875763	18657	18663	0.0	1.0	1.0	1	1875763
CDR	1875763	456							
PBAR	1875763	2014	1.5	0.0703	0.5	0.215			
CDR	1876758	1876758	18667	18658	0.0	1.0	1.0	1	1876758
CDR	1876758	456							
PBAR	1876758	2014	1.5	0.0703	0.5	0.215			
CDR	1875859	1875859	18658	18659	0.0	1.0	1.0	1	
PBAR	1875859	2014	1.5	0.0703	0.5	0.215			
CDR	1876162	1876162	18661	18662	0.0	1.0	1.0	1	
PBAR	1876162	2014	1.5	0.087	0.574	0.26			
CDR	1876263	1876263	18662	18663	0.0	1.0	1.0	1	1876263
CDR	1876263	6							
PBAR	1876263	2014	2.133	0.537	1.937	0.453			
CDR	1876364	1876364	18663	18664	0.0	1.0	1.0	1	
PBAR	1876364	2014	1.1325	0.0	0.497	0.0			
CDR	1876465	1876465	18664	18665	0.0	1.0	1.0	1	
PBAR	1876465	2014	1.036	0.0	0.403	0.0			
CDR	1876566	1876566	18665	18666	0.0	1.0	1.0	1	
PBAR	1876566	2014	1.036	0.0	0.403	0.0			
CDR	1876667	1876667	18666	18667	0.0	1.0	1.0	1	
PBAR	1876667	2014	1.1325	0.0	0.497	0.0			
CDR	1876768	1876768	18667	18668	0.0	1.0	1.0	1	1876768
CDR	1876768	6							
PBAR	1876768	2014	2.133	0.537	1.937	0.453			
CDR	1876869	1876869	18668	18669	0.0	1.0	1.0	1	
PBAR	1876869	2014	1.828	0.087	0.574	0.26			
CDR	1874151	1874151	18641	18651	0.0	1.0	1.0	1	
PBAR	1874151	2014	0.5688	0.00074	0.981	0.003			
CDR	1875156	1875156	18651	18656	0.0	1.0	1.0	1	
PBAR	1875156	2014	0.8575	0.0038	1.07	0.015			
CDR	1875257	1875257	18652	18657	0.0	1.0	1.0	1	
PBAR	1875257	2014	0.512	0.0027	0.179	0.01			
CDR	1876363	1876363	18643	18663	0.0	1.0	1.0	1	
PBAR	1876363	2014	0.512	0.0	0.179	0.0			
CONMOD	1874466	18644	18664	2014	0.68125				
CONMOD	1874466	18646	18666	2014	0.68125				
CDR	1874767	1874767	18647	18667	0.0	1.0	1.0	1	
PBAR	1874767	2014	0.512	0.0	0.179	0.0			
CDR	1875358	1875358	18653	18658	0.0	1.0	1.0	1	
PBAR	1875358	2014	0.512	0.0027	0.179	0.01			
CDR	1876954	1876954	18649	18654	0.0	1.0	1.0	1	
PBAR	1876954	2014	0.5688	0.00074	0.981	0.003			
CDR	1875459	1875459	18654	18659	0.0	1.0	1.0	1	
PBAR	1875459	2014	0.8575	0.0038	1.07	0.015			
CDR	1874251	1252014	18641	18651	18652	18642			MEB
CONMOD	1874251	18641	18642	2014	0.0456				MEB
CONMOD	1875242	18642	18652	2014	0.125				MEB
CONMOD	1875151	18641	18651	2014	0.125				MEB
CONMOD	1875251	18651	18652	2014	0.1441				MEB
CONMOD	1875256	1252014	18651	18656	18657	18642			MEB
CONMOD	1875756	18656	18657	2014	0.0985				MEB

CLNRDD	1875051	18651	18656	2014	J-125	MEB
CUNRDD	1875752	18652	18657	2014	J-342	MEB
CFRHEM	1875763	1252014	18657	18662	18663	MEB
CSHEAR	1876357	1252014	18652	18657	18663	MEB
CUNRDD	1876357	18657	18663	2014	J-147	MEB
CUNRDD	1876352	18652	18663	2014	J-147	MEB
CUNRDD	1876352	18652	18663	2014	J-147	MEB
CFRHEM	1876352	1252014	18662	18663	18667	MEB
CFRHEM	1875868	1252014	18658	18663	18667	MEB
CSHEAR	1875867	1252014	18653	18658	18667	MEB
CUNRDD	1876747	18647	18667	2014	J-217	MEB
CUNRDD	1875367	18647	18653	2014	J-147	MEB
CUNRDD	1875867	18667	18658	2014	J-147	MEB
CFRHEM	1876853	1252014	18647	18658	18653	MEB
CSHEAR	1875938	1252014	18654	18659	18658	MEB
CUNRDD	1875938	18658	18659	2014	0-0985	MEB
CUNRDD	1875853	18653	18658	2014	0-342	MEB
CUNRDD	1875956	18656	18659	2014	J-125	MEB
CSHEAR	1875448	1252014	18649	18654	18653	MEB
CUNRDD	1875453	18653	18654	2014	J-1441	MEB
CUNRDD	1875449	18649	18654	2014	0-125	MEB
CUNRDD	1875368	18648	18653	2014	J-125	MEB
CUNRDD	1876944	18648	18649	2014	0-0456	MEB

LUGS / FORWARD CARRY-THRU SPAR  
STA 186.25

CBAR	1864100	1864100	18641	0.918	0.0	1.0	1.0	1.0	F6 LUJR
CBAR	1864100	2014	0.3672	0.458	0.443	1.0	1.0	1.0	F4 LUJM
CBAR	1865100	1865100	18651	61.16	J-3	1.0	1.0	1.0	F3 LUGP
CBAR	1865003	1865000	18656	61914	J-3	1.0	1.0	1.0	F1 LUJM
CBAR	1865003	2014	0.4237	0.0703	J-5	1.0	1.0	1.0	F6 LUJL
CBAR	1866100	1866100	18661	61912	J-0	1.0	1.0	1.0	F4 LUJL
CBAR	1866100	2014	0.4237	0.0703	J-5	1.0	1.0	1.0	F3 LUJL
CBAR	1864900	1864900	18649	71918	0.0	1.0	1.0	1.0	F1 LUJL
CBAR	1864900	2014	0.3672	0.458	J-833	1.0	1.0	1.0	
CBAR	1865400	1865400	18654	71916	0.0	1.0	1.0	1.0	
CBAR	1865400	2014	0.4237	0.0703	J-5	1.0	1.0	1.0	
CBAR	1865900	1865900	18659	71914	0.0	1.0	1.0	1.0	
CBAR	1865900	2014	0.4237	0.0703	J-5	1.0	1.0	1.0	
CBAR	1866900	1866900	18669	71912	J-1	1.0	1.0	1.0	
CBAR	1866900	2014	0.4237	0.0703	J-5	1.0	1.0	1.0	

CENTER WING CARRY-THRU SPAR  
209-030-141

CBAR	1974142	1974142	19741	19742	0.0	1.0	1.0	1.0	1974243
CBAR	1974142	2014	2.453	0.965	10.405	1.0	1.0	1.0	
CBAR	1974243	1974243	19742	19743	0.0	1.0	1.0	1.0	
CBAR	1974243	2014	1.65	0.0495	1.04	1.0	1.0	1.0	
CBAR	1974365	1974365	19743	19745	0.0	1.0	1.0	1.0	
CBAR	1974365	2014	1.65	0.0	1.04	1.0	1.0	1.0	
CBAR	1974547	1974547	19745	19747	0.0	1.0	1.0	1.0	
CBAR	1974547	2014	1.65	0.0	1.04	1.0	1.0	1.0	
CBAR	1974748	1974748	19747	19748	0.0	1.0	1.0	1.0	
CBAR	1974748	2014	1.65	0.0495	1.04	1.0	1.0	1.0	
CBAR	1974869	1974869	19748	19749	0.0	1.0	1.0	1.0	
CBAR	1974869	2014	2.453	0.965	10.405	1.0	1.0	1.0	
CBAR	1975152	1975152	19751	19752	0.0	1.0	1.0	1.0	
CBAR	1975152	2014	1.283	0.413	0.156	1.0	1.0	1.0	
CBAR	1975859	1975859	19758	19759	0.0	1.0	1.0	1.0	
CBAR	1975859	2014	1.283	0.113	2.156	1.0	1.0	1.0	

FRAMES AND DOULERS

CBAR	1976162	1976162	19761	19762	0.0	1.0	1.0	1	1976263
PBAR	1976162	2014	2.019	0.437	13.573	0.174	1.0	1	
CBAR	1976263	1976263	19762	19763	0.0	1.0	1.0	1	
61976263									
PBAR	1976263	2014	2.0625	0.0967	1.3	0.32	1.0	1	
CBAR	1976365	1976365	19763	19765	0.0	1.0	1.0	1	
PBAR	1976365	2014	2.0625	0.0	1.3	0.0	1.0	1	
CBAR	1976567	1976567	19765	19767	0.0	1.0	1.0	1	
PBAR	1976567	2014	2.0625	0.0	1.3	0.0	1.0	1	
CBAR	1976768	1976768	19767	19768	0.0	1.0	1.0	1	1976768
61976768									
PBAR	1976768	2014	2.0625	0.0967	1.3	0.32	1.0	1	
CBAR	1976869	1976869	19768	19769	0.0	1.0	1.0	1	
PBAR	1976869	2014	2.019	0.437	13.573	0.174	1.0	1	
CBAR	1976151	1976151	19761	19761	0.0	1.0	1.0	1	
PBAR	1976151	2014	1.845	0.0258	3.113	0.103	1.0	1	
CBAR	1975161	1975161	19751	19761	0.0	1.0	1.0	1	
PBAR	1975161	2014	1.845	0.0258	3.113	0.103	1.0	1	
CBAR	1974252	1974252	19742	19752	0.0	1.0	1.0	1	
PBAR	1974252	2014	0.825	0.0062	0.52	0.023	1.0	1	
CBAR	1975262	1975262	19752	19762	0.0	1.0	1.0	1	
PBAR	1975262	2014	0.825	0.0067	0.52	0.023	1.0	1	
CBAR	1974363	1974363	19743	19763	0.0	1.0	1.0	1	
PBAR	1974363	2014	0.825	0.0	0.52	0.0	1.0	1	
COMROD	1974565	19745	19765	2014	0.825	0.0	1.0	1	
CBAR	1974767	1974767	19767	9767	0.0	1.0	1.0	1	
PBAR	1974767	2014	0.825	0.0	0.52	0.0	1.0	1	
CBAR	1974858	1974858	19748	19758	0.0	1.0	1.0	1	
PBAR	1974858	2014	0.825	0.0062	0.52	0.023	1.0	1	
CBAR	1975868	1975868	19758	19768	0.0	1.0	1.0	1	
PBAR	1975868	2014	0.825	0.0062	0.52	0.023	1.0	1	
CBAR	1974959	1974959	19749	19759	0.0	1.0	1.0	1	
PBAR	1974959	2014	1.845	0.0258	3.113	0.103	1.0	1	
CBAR	1975969	1975969	19759	19769	0.0	1.0	1.0	1	
PBAR	1975969	2014	1.845	0.0258	3.113	0.103	1.0	1	
5 SHEAR WEB									
CBAR	1974152	2002014	19741	19751	19752	19742			WEB
COMROD	1974241	19741	19742	2014	0.247				WEB
CBAR	1975251	19751	19752	2014	0.4117				WEB
COMROD	1975162	4002014	19751	19761	19762	19752			WEB
CBAR	1976261	19761	19762	2014	0.1647				WEB
COMROD	1974352	2002014	19742	19752	19763	19743			WEB
CBAR	1976342	19742	19743	2014	0.288				WEB
COMROD	1976352	19752	19763	2014	0.288				WEB
CBAR	1975867	19747	19758	2014	0.288				WEB
COMROD	1975263	2002014	19752	19762	19763				WEB
CBAR	1974365	2002014	19743	19763	19765	19745			WEB
COMROD	1974563	19743	19745	2014	0.3293				WEB
CBAR	1974567	2002014	19747	19767	19765	19745			WEB
COMROD	1974745	19745	19747	2014	0.3293				WEB
CBAR	1976745	19765	19767	2014	0.3293				WEB
COMROD	1976758	2002014	19768	19758	19747	19747			WEB
CBAR	1976647	19747	19768	2014	0.288				WEB
COMROD	1976867	2002014	19768	19768	19767	19748			WEB
CBAR	1976859	2002014	19769	19759	19758	19748			WEB
COMROD	1976968	19748	19769	2014	0.247				WEB
CBAR	1975958	19758	19759	2014	0.4117				WEB
COMROD	1975869	4002014	19759	19769	19768	19758			WEB
CBAR	1975141	19741	19751	2014	0.1647				WEB
COMROD	1976151	19751	19761	2014	0.764				WEB
CBAR	1975242	19752	19752	2014	1.928				WEB
COMROD	1976252	19752	19762	2014	0.981				WEB
CBAR	1976343	19743	19763	2014	1.528				WEB
COMROD	1976545	19745	19765	2014	1.004				WEB
COMROD					1.584				WEB



CUMEM 2132143 0129046 21321 21341 21343 21323  
 CUMEM 2132345 0129046 21323 21343 21345 21325  
 CUMEM 2132547 0129046 21325 21345 21347 21327  
 CUMEM 2132749 0129046 21327 21347 21349 21329  
 CUMEM 2134143 1007075 21341 21361 21363 21343  
 CUMEM 2134344 0507075 21343 21363 21364 21345  
 CUMEM 2134544 0507075 21345 21364 21366 21347  
 CUMEM 2134547 0507075 21345 21366 21367 21347  
 CUMEM 2134749 1007075 21347 21367 21369 21349

STA 218.97 BULKHEAD  
 209-030-109-005

SHEAR WEBS

CTREM 2180121 0252024 21801 21821 21823  
 CTREM 2180123 0252024 21801 21823 21803  
 CTREM 2180323 0252024 21803 21823 21825  
 CTREM 2180325 0252024 21803 21825 21807  
 CTREM 2180725 0252024 21807 21825 21827  
 CTREM 2180727 0252024 21807 21827 21809  
 CTREM 2180927 0252024 21809 21827 21829

STA 227.42 BULKHEAD  
 209-030-110-005

SHEAR WEBS

CTREM 2270121 0252024 22701 22721 22723  
 CTREM 2270123 0252024 22701 22723 22703  
 CTREM 2270323 0252024 22703 22723 22725  
 CTREM 2270325 0252024 22703 22725 22707  
 CTREM 2270725 0252024 22707 22725 22727  
 CTREM 2270727 0252024 22707 22727 22709  
 CTREM 2270927 0252024 22709 22727 22729

STA 250.00 BULKHEAD  
 209-030-111-107

FRAMES AND DOUBLERS

COMROO 2500103 25003 2024 0-039  
 COMROO 2500307 25003 2024 0-039  
 COMROO 2500709 25007 2024 0-039  
 COMROO 2502125 25021 25025 7075 0-299  
 COMROO 2502529 25025 25029 7075 0-489  
 COMROO 2506165 25061 25065 7075 0-489  
 COMROO 2506569 25065 25069 7075 0-489  
 COMROO 2502101 25001 25021 2024 0-039  
 COMROO 2502141 25021 25041 7075 0-266  
 COMROO 2504161 25041 25041 7075 0-266  
 COMROO 2500929 25009 25029 2024 0-039  
 COMROO 2502949 25029 25049 7075 0-266  
 COMROO 2504949 25049 25049 7075 0-266

SHEAR WEBS

CTREM 2500121 0252024 25001 25021 25025  
 CTREM 2500123 0252024 25001 25025 25003  
 CTREM 2500325 0252024 25003 25025 25007  
 CTREM 2500725 0252024 25007 25025 25009  
 CTREM 2500925 0252024 25009 25025 25029  
 CTREM 2502145 0129046 25021 25041 25045  
 CTREM 2502549 0129046 25025 25045 25049  
 CTREM 2504165 0129046 25041 25061 25065  
 CTREM 2504569 0129046 25045 25065 25069

STA 268.25 BULKHEAD  
 209-030-112-013

FRAMES AND DOUBLERS

COMROO 2500103 25003 2024 0-039  
 COMROO 2500307 25003 2024 0-039  
 COMROO 2500709 25007 2024 0-039  
 COMROO 2502125 25021 25025 7075 0-299  
 COMROO 2502529 25025 25029 7075 0-489  
 COMROO 2506165 25061 25065 7075 0-489  
 COMROO 2506569 25065 25069 7075 0-489  
 COMROO 2502101 25001 25021 2024 0-039  
 COMROO 2502141 25021 25041 7075 0-266  
 COMROO 2504161 25041 25041 7075 0-266  
 COMROO 2500929 25009 25029 2024 0-039  
 COMROO 2502949 25029 25049 7075 0-266  
 COMROO 2504949 25049 25049 7075 0-266



TAILBOOM JUNCTION BULKHEAD									
209-030-113-001									
2082125	20821	20825	2024	0.225					
2082529	20825	20829	2024	0.225					
2086165	20861	20865	2024	0.446					
2086569	20865	20869	2024	0.446					
2082161	20821	20841	2024	0.072					
2084161	20841	20861	2024	0.072					
2082949	20829	20849	2024	0.072					
2084969	20849	20869	2024	0.072					
SHEAR WEBS									
2080121	0280204	20801	20821	20825					
2080125	0280204	20801	20825	20804					
2080925	0280204	20809	20825	20829					
2082165	0280204	20821	20841	20845					
2082569	0280204	20825	20845	20849					
2084165	0280204	20841	20861	20865					
2084569	0280204	20845	20865	20869					
FRAMES AND DOULERS									
2092125	20921	20925	7075	0.285					
2092529	20925	20929	7075	0.285					
2096165	20961	20965	7075	0.480					
2096569	20965	20969	7075	0.480					
2092161	20921	20941	7075	0.335					
2094161	20941	20961	7075	0.335					
2092949	20929	20949	7075	0.635					
2094969	20949	20969	7075	0.635					
SHEAR WEBS									
2090521	0327075	20905	20921	20925					
2090525	0327075	20905	20925	20929					
2092165	0327075	20921	20941	20945					
2092569	0327075	20925	20945	20949					
2094165	0327075	20941	20961	20965					
2094569	0327075	20945	20965	20969					
TAILROOM ATTACHMENT TO FUSELAGE BULKHEAD									
LM1178	1000	20921	1	1.0	30045	1	-1.0		
LM1178	30045	2	1.0	13.62	30045	6	11.92		
LM2178	1000	20921	2	1.0	30045	2	-1.0		
LM2178	30045	4	-13.62	30045	6	-6.0			
LM3178	1000	20921	3	1.0	30045	3	-1.0		
LM3178	30045	4	-11.92	30045	5	-6.0			
LM1278	1000	20929	1	1.0	30045	1	-1.0		
LM1278	30045	5	13.62	30045	6	11.92			
LM2278	1000	20929	2	1.0	30045	2	-1.0		
LM2278	30045	4	-13.62	30045	6	-6.0			
LM3278	1000	20929	3	1.0	30045	3	-1.0		
LM3278	30045	4	11.92	30045	5	6.0			
LM1378	1000	20961	1	1.0	30045	1	-1.0		
LM1378	30045	5	-13.21	30045	6	12.29			
LM2378	1000	20961	2	1.0	30045	2	-1.0		
LM2378	30045	4	13.21	30045	6	6.0			
LM3378	1000	20961	3	1.0	30045	3	-1.0		
LM3378	30045	4	-12.29	30045	5	-6.0			
LM1478	1000	20969	1	1.0	30045	1	-1.0		
LM1478	30045	5	-13.21	30045	6	12.29			
LM2478	1000	20969	2	1.0	30045	2	-1.0		
LM2478	30045	4	13.21	30045	6	6.0			
LM3478	1000	20969	3	1.0	30045	3	-1.0		
LM3478	30045	4	12.29	30045	5	-6.0			
WING / RIGHT SIDE									
209-020-001									

FORWARD SPAR / RIGHT WING									
209-020-101									
1	COMMOD	6222811	62211	62411	2314	0.43811	1.0	1	6222813
5	CGAR	6222813	6222813	62213	0.0	0.0	0.0	1	6222813
5	6222813	456							
5	PBAR	6222813	2014	1.790	0.20869	1.02294	0.09452		WE3
5	COMMOD	6222812	62213	62811	2014	0.1875			CAP
5	COMMOD	6283411	62811	63411	2014	0.1152			WE3
5	COMMOD	6283412	62811	63411	2014	0.19325			CAP
5	COMMOD	6344211	63411	64211	2014	0.0701			WE3
5	COMMOD	6344212	63411	64211	2014	0.17038			CAP
5	COMMOD	6425011	64211	65011	2014	0.40080			WE3
5	COMMOD	6425012	64211	65011	2014	0.144			WE3
5	COMMOD	6505911	65011	65911	2014	0.39246			CAP
5	COMMOD	6505912	65011	65911	2014	0.118			WE3
5	CSMEAR	6221119	150	62213	62811	62819	62217		
5	CSMEAR	6281119	12966	62811	63411	63419	62819		
5	CSMEAR	6341119	12728	63411	64211	64219	63419		
5	CSMEAR	6421119	12381	64211	65011	65019	64219		
5	CSMEAR	6501119	11916	65011	65911	65919	65019		
5	CGAR	6222817	6222817	62217	62819	0.0	0.0	1.0	6222817
5	6222817	456							
5	PBAR	6222817	2014	1.355	0.37213	0.67968	0.04572		WE3
5	COMMOD	6222819	62219	62819	2014	0.43688			CAP
5	COMMOD	6222818	62217	62819	2014	0.1875			WE3
5	COMMOD	6283419	62819	63419	2014	0.40783			CAP
5	COMMOD	6283418	62819	63419	2014	0.19325			CAP
5	COMMOD	6344219	63419	64219	2014	0.40412			WE3
5	COMMOD	6344218	63419	64219	2014	0.17038			CAP
5	COMMOD	6425019	64219	65019	2014	0.39860			WE3
5	COMMOD	6425018	64219	65019	2014	0.144			CAP
5	COMMOD	6505919	65019	65919	2014	0.39083			WE3
5	COMMOD	6505918	65019	65919	2014	0.118			WE3
CENTER SPAR / RIGHT WING									
209-020-102									
5	CGAR	6222821	6222821	62221	62921	0.0	0.0	1.0	6222821
5	6222821	456							
5	PBAR	6222821	2014	1.34058	0.52308	0.99587	0.00910	1.0	6222824
5	COMMOD	6222824	6222824	62224	62821	0.0	0.0	1.0	6222824
5	6222824	456							
5	PBAR	6222824	2014	1.45	0.14717	0.43501	0.00910		WE3
5	COMMOD	6222822	62224	62821	2014	0.21559			CAP
5	COMMOD	6283421	62821	63421	2014	1.24010			WE3
5	COMMOD	6283422	62821	63421	2014	0.26034			CAP
5	COMMOD	6344221	63421	64221	2014	0.94412			WE3
5	COMMOD	6344222	63421	64221	2014	0.23200			CAP
5	COMMOD	6425021	64221	65021	2014	0.50055			WE3
5	COMMOD	6425022	64221	65021	2014	0.20207			CAP
5	COMMOD	6505921	65021	65921	2014	0.43588			WE3
5	COMMOD	6505922	65021	65921	2014	0.17075			CAP
5	CSMEAR	6221119	18157	62224	62821	62829	62224		
5	CSMEAR	6281119	17735	62821	63421	63429	62829		
5	CSMEAR	6342119	17490	63421	64221	64229	63429		
5	CSMEAR	6422119	17410	64221	65021	65029	64229		
5	CSMEAR	6502119	17088	65021	65921	65929	65029		
5	CGAR	6222826	6222826	62226	62829	0.0	0.0	1.0	6222826
5	6222826	456							
5	PBAR	6222826	2014	1.41	0.14991	0.45619	0.00910	1.0	6222829
5	COMMOD	6222829	6222829	62229	62829	0.0	0.0	1.0	6222829
5	6222829	456							
5	PBAR	6222829	2014	0.97873	0.21763	0.86254	0.00910		

CONROD	6222824	62226	62829	2014	0.21559	WE3
CONROD	6283429	62829	63429	2014	1.23420	CAP
CONROD	6283428	62829	63429	2014	0.26034	WE3
CONROD	6344229	63429	64229	2014	0.96586	CAP
CONROD	6344228	63429	64229	2014	0.23200	WE3
CONROD	6425029	64229	65029	2014	0.53473	CAP
CONROD	6425028	64229	65029	2014	0.20207	WE3
CONROD	6505929	65029	65929	2014	0.44418	CAP
CONROD	6505928	65029	65929	2014	0.17075	WE3
AFT SPAR / RIGHT WING						
209-020-103						
CdAR	6222831	6222831	62231	62831	0.0	6222831
PEAR	6222831	456	J-42265	0.04445	0.32148	0.00906
CONROD	6222832	62231	62831	2014	0.02598	WE3
CONROD	6283431	62831	63431	2014	0.10275	CAP
CONROD	6283432	62831	63431	2014	0.02788	WE3
CONROD	6344231	63431	64231	2014	0.10213	CAP
CONROD	6344232	63431	64231	2014	0.02642	WE3
CONROD	6425031	64231	65031	2014	0.10110	CAP
CONROD	6425032	64231	65031	2014	0.02482	WE3
CONROD	6505931	65031	65931	2014	0.10015	CAP
CONROD	6505932	65031	65931	2014	0.02329	WE3
CSHEAR	6223139	06416	62231	62839	62239	
CSHEAR	6283139	07505	62831	63439	62839	
CSHEAR	6343139	07402	63431	64239	63439	
CSHEAR	6423139	07278	64231	65039	64239	
CSHEAR	6503139	07149	65031	65939	65039	
CdAR	6222839	62239	62839	0.0	0.0	6222839
PEAR	6222839	456	0.25928	0.31150	0.11667	0.01365
CONROD	6222838	62239	62839	2014	0.02598	WE3
CONROD	6283439	62839	63439	2014	0.15381	CAP
CONROD	6283438	62839	63439	2014	0.02788	WE3
CONROD	6344239	63439	64239	2014	0.15210	CAP
CONROD	6344238	63439	64239	2014	0.02642	WE3
CONROD	6425039	64239	65039	2014	0.15044	CAP
CONROD	6425038	64239	65039	2014	0.02482	WE3
CONROD	6505939	65039	65939	2014	0.14855	CAP
CONROD	6505938	65039	65939	2014	0.02329	WE3
TOP SKIN / RIGHT WING						
CONMEM	6221121	0637075	62211	62221	62821	62811
CONMEM	6281121	0637075	62811	62821	63421	63411
CONMEM	6341121	0637075	63411	63421	64221	64211
CONMEM	6421121	0637075	64211	64221	65021	65011
CONMEM	6501121	0637075	65011	65021	65921	65911
CONMEM	6222131	0637075	62221	62231	62821	62811
CONMEM	6282131	0637075	62821	62831	63421	63411
CONMEM	6342131	0637075	63421	63431	64221	64211
CONMEM	6422131	0637075	64221	64231	65021	65011
CONMEM	6502131	0637075	65021	65031	65921	65911
BOTTOM SKIN / RIGHT WING						
CONMEM	6221929	0637075	62219	62229	62829	62819
CONMEM	6281929	0637075	62819	62829	63429	63419
CONMEM	6341929	0637075	63419	63429	64229	64219
CONMEM	6421929	0637075	64219	64229	65029	65019
CONMEM	6501929	0637075	65019	65029	65929	65919
CONMEM	6222939	0637075	62229	62239	62829	62819
CONMEM	6282939	0637075	62829	62839	63429	63419
CONMEM	6342939	0637075	63429	63439	64229	64219

8-234





[illegible]

LAP  
WEN  
LAP  
WEN  
LAP  
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WEN  
LAP  
WEN

7281439 7281439 73439 7014 0.15381  
7281439 7281439 73439 2014 0.02788  
7281439 7281439 73439 2014 0.15210  
7281439 7281439 73439 2014 0.02642  
7281439 7281439 73439 2014 0.15044  
7281439 7281439 73439 2014 0.02482  
7281439 7281439 73439 2014 0.14855  
7281439 7281439 73439 2014 0.02329

TOP SKIN / LEFT WING

7221121 7221121 72221 72821 72811  
7221121 7221121 72221 72821 72811  
7221121 7221121 72221 72821 72811  
7221121 7221121 72221 72821 72811  
7221121 7221121 72221 72821 72811  
7221121 7221121 72221 72821 72811  
7221121 7221121 72221 72821 72811  
7221121 7221121 72221 72821 72811  
7221121 7221121 72221 72821 72811  
7221121 7221121 72221 72821 72811

BOTTOM SKIN / LEFT WING

7221929 7221929 72219 72229 72819  
7221929 7221929 72219 72229 72819  
7221929 7221929 72219 72229 72819  
7221929 7221929 72219 72229 72819  
7221929 7221929 72219 72229 72819  
7221929 7221929 72219 72229 72819  
7221929 7221929 72219 72229 72819  
7221929 7221929 72219 72229 72819  
7221929 7221929 72219 72229 72819  
7221929 7221929 72219 72229 72819

WS -22.19 RIB

7221124 7221124 72211 72221 72224 72213  
7221124 7221124 72211 72221 72224 72213  
7221124 7221124 72211 72221 72224 72213  
7221124 7221124 72211 72221 72224 72213  
7221124 7221124 72211 72221 72224 72213  
7221124 7221124 72211 72221 72224 72213  
7221124 7221124 72211 72221 72224 72213  
7221124 7221124 72211 72221 72224 72213  
7221124 7221124 72211 72221 72224 72213  
7221124 7221124 72211 72221 72224 72213

WS -28.00 RIB

7281129 7281129 72811 72821 72829 72819  
7281129 7281129 72811 72821 72829 72819  
7281129 7281129 72811 72821 72829 72819  
7281129 7281129 72811 72821 72829 72819  
7281129 7281129 72811 72821 72829 72819  
7281129 7281129 72811 72821 72829 72819  
7281129 7281129 72811 72821 72829 72819  
7281129 7281129 72811 72821 72829 72819  
7281129 7281129 72811 72821 72829 72819  
7281129 7281129 72811 72821 72829 72819

WS -34.00 RIB

7341129 7341129 73411 73421 73429 73419  
7341129 7341129 73411 73421 73429 73419  
7341129 7341129 73411 73421 73429 73419  
7341129 7341129 73411 73421 73429 73419  
7341129 7341129 73411 73421 73429 73419  
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7341129 7341129 73411 73421 73429 73419  
7341129 7341129 73411 73421 73429 73419  
7341129 7341129 73411 73421 73429 73419

WS -42.50 RIB

7421129 7421129 74211 74221 74229 74219  
7421129 7421129 74211 74221 74229 74219  
7421129 7421129 74211 74221 74229 74219  
7421129 7421129 74211 74221 74229 74219  
7421129 7421129 74211 74221 74229 74219  
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7421129 7421129 74211 74221 74229 74219  
7421129 7421129 74211 74221 74229 74219  
7421129 7421129 74211 74221 74229 74219  
7421129 7421129 74211 74221 74229 74219

HARD POINT FOR ATTACHING INBOARD WING STORES - LEFT SIDE

1000 74229 4 1.0 74221 2 .13423 L 1/B 4  
1000 74229 2 1.0 74223 3 -.10493 L 1/B 5  
1000 74229 3 1.0 74229 2 .10493 L 1/B 6  
1000 74229 6 1.0 74219 2 .10493









MPC	1000	211077	3	1-0	200076	3	-1-0	AF1L3
LAFTL3	1000	200078	4	12-375	200078	5	11-72	AF1L4
MPC	1000	211077	4	1-0	200078	4	-1-0	AF1L5
MPC	1000	211077	5	1-0	200078	5	-1-0	AF1L6
MPC	1000	211077	6	1-0	200078	6	-1-0	AF1C1
MPC	1000	211077	1	1-0	200078	1	-1-0	AF1C2
LAFTC2	1000	211075	2	1-0	200078	2	-1-0	AF1C3
MPC	1000	200078	6	14-50	200078	3	-1-0	AF1C4
LAFTC3	1000	211075	1	1-0	200078	4	-1-0	AF1C5
MPC	1000	211075	4	14-50	200078	5	-1-0	AF1C6
MPC	1000	211075	5	1-0	200078	6	-1-0	
MPC	1000	211075	6	1-0	200078	6	-1-0	

# MAIN ROTOR PYLON MOUNT SPRINGS 204-031-928-005

CELAS2	189831	28125-	189073	1	18983	1	FWD R X
CELAS2	189832	28125-	189073	2	18983	2	FWD R Y
CELAS2	189833	4500-	189073	3	18983	3	FWD R Z
CELAS2	189871	28125-	189077	1	18987	1	FWD L X
CELAS2	189872	28125-	189077	2	18987	2	FWD L Y
CELAS2	189873	4500-	189077	3	18987	3	FWD L Z
CELAS2	211831	28125-	211073	1	21183	1	AFT R X
CELAS2	211832	28125-	211073	2	21183	2	AFT R Y
CELAS2	211833	4500-	211073	3	21183	3	AFT R Z
CELAS2	211871	28125-	211077	1	21187	1	AFT L X
CELAS2	211872	28125-	211077	2	21187	2	AFT L Y
CELAS2	211873	4500-	211077	3	21187	3	AFT L Z
CELAS2	211893	20000-	211075	3	21189	3	AFT C Z

# TAIL ROTOR GEARBOX 204-040-400

CBAR	4000071	400007	52045	520024	0-0	0-0	1-0	1	TRBRG1
CBAR	4000072	400007	52045	520068	0-0	0-0	1-0	1	TRBRG2
CBAR	4000073	456							
PBAR	400007	4620	10-0	3-25	3-25	6-50			

# TAIL ROTOR MAST 204-040-402

CBAR	4020091	4020091	520018	520024	0-0	0-0	1-0	1	TR MAST
PBAR	4020091	4620	1-1090	0-2393	0-2393	0-4787			
CBAR	4020092	4020092	520024	520057	0-0	0-0	1-0	1	TR MAST
PBAR	4020092	4620	0-9342	0-1909	0-1909	0-3817			
CBAR	4020093	4020093	520037	520045	0-0	0-0	1-0	1	TR MAST
PBAR	4020093	4620	0-9442	0-1635	0-1635	0-3269			
CBAR	4020094	4020094	520045	520048	0-0	0-0	1-0	1	TR MAST
PBAR	4020094	4620	1-0034	0-1790	0-1790	0-3580			
CBAR	4020095	4020095	520048	520079	0-0	0-0	1-0	1	TR MAST
PBAR	4020095	4620	1-1242	0-1838	0-1838	0-3675			
CBAR	4020096	4020096	520079	520135	0-0	0-0	1-0	1	TR MAST
PBAR	4020096	4620	0-8176	0-1149	0-1149	0-2297			
CBAR	4020097	4020097	520135	520139	0-0	0-0	1-0	1	TR MAST
PBAR	4020097	4620	0-6437	0-0745	0-0745	0-1589			
CBAR	4020098	4020098	520139	520152	0-0	0-0	1-0	1	TR MAST
PBAR	4020098	4620	0-6511	0-08074	0-08074	0-1615			
CBAR	4020099	4020099	520152	520185	0-0	0-0	1-0	1	TR MAST
PBAR	4020099	4620	0-6511	0-08074	0-08074	0-1615			

# SKID LANDING GEAR 209-050-002

# RIGHT SKID TUBE

209-050-302-052									
BAR	0020521	0020521	211002	214902	0.0	0.0	1.0	1	
BAR	0020521	0020521	0.779	1.510	1.510	3.020			
BAR	0020522	0020522	214902	214902	0.0	0.0	1.0	1	
BAR	0020522	0020522	0.779	1.510	1.510	3.020			
BAR	0020523	0020523	222002	223401	0.0	0.0	1.0	1	
BAR	0020523	0020523	0.779	1.510	1.510	3.020			
LEFT SKID TUBE									
209-050-002-051									
BAR	0020511	0020511	211001	214901	0.0	0.0	1.0	1	
BAR	0020511	0020511	0.779	1.510	1.510	3.020			
BAR	0020512	0020512	214901	222001	0.0	0.0	1.0	1	
BAR	0020512	0020512	0.779	1.510	1.510	3.020			
BAR	0020513	0020513	222001	223401	0.0	0.0	1.0	1	
BAR	0020513	0020513	0.779	1.510	1.510	3.020			
FORWARD CROSS TUBE									
209-050-002-045									
BAR	0020451	0020451	214902	215102	0.0	0.0	1.0	1	
BAR	0020451	0020451	1.132	0.836	0.836	1.672			
BAR	0020452	0020452	215102	215202	0.0	0.0	1.0	1	
BAR	0020452	0020452	1.686	1.312	1.312	2.624			
BAR	0020453	0020453	215202	215201	0.0	0.0	1.0	1	
BAR	0020453	0020453	1.964	1.549	1.549	3.098			
BAR	0020454	0020454	215201	215101	0.0	0.0	1.0	1	
BAR	0020454	0020454	1.686	1.312	1.312	2.624			
BAR	0020455	0020455	215101	214901	0.0	0.0	1.0	1	
BAR	0020455	0020455	1.132	0.836	0.836	1.672			
AFT CROSS TUBE									
209-050-002-041									
BAR	0020411	0020411	222002	222001	0.0	0.0	1.0	1	
BAR	0020411	0020411	1.516	1.090	1.090	2.180			
BAR	0020412	0020412	222002	222302	0.0	0.0	1.0	1	
BAR	0020412	0020412	2.371	1.712	1.712	3.424			
BAR	0020413	0020413	222302	222301	0.0	0.0	1.0	1	
BAR	0020413	0020413	2.798	2.022	2.022	4.044			
BAR	0020414	0020414	222301	222201	0.0	0.0	1.0	1	
BAR	0020414	0020414	2.371	1.712	1.712	3.424			
BAR	0020415	0020415	222201	222001	0.0	0.0	1.0	1	
BAR	0020415	0020415	1.516	1.090	1.090	2.180			
FORWARD SKID LANDING GEAR MOUNTING STRUCTURE / RIGHT SIDE									
209-030-302-004									
LM11RFG	1000	14823	1	1.0	15212	1	-1.0		
LM11RFG	15212	5	5	-5.03	15212	6	-3.50		
LM21RFG	1000	14823	2	1.0	15212	2	-1.0		
LM21RFG	15212	4	4	5.43	15212	6	3.95		
LM31RFG	1000	14823	3	1.0	15212	3	-1.0		
LM31RFG	15212	4	4	3.50	15212	5	-3.95		
LM41RFG	1000	15623	1	1.0	15212	1	-1.0		
LM41RFG	15212	5	5	-5.63	15212	6	-1.83		
LM51RFG	1000	15623	2	1.0	15212	2	-1.0		
LM51RFG	15212	4	4	5.63	15212	6	-3.96		
LM61RFG	1000	15623	3	1.0	15212	3	-1.0		
LM61RFG	15212	4	4	1.83	15212	5	3.96		
LM71RFG	1000	14803	1	1.0	15212	1	-1.0		
LM71RFG	15212	5	5	3.34	15212	6	-3.50		
LM81RFG	1000	14803	2	1.0	15212	2	-1.0		
LM81RFG	15212	4	4	-3.34	15212	6	3.95		

MPC	1000	14803	3	1-0	15212	3	-1-0	CM33RFG
CM33RFG	1000	15212	4	3-50	15212	5	-3-95	
MPC	1000	15603	1	1-0	15212	1	-1-0	CM14RFG
CM14RFG	1000	15212	5	3-34	15212	6	-3-50	
MPC	1000	15603	2	1-0	15212	2	-1-0	CM24RFG
CM24RFG	1000	15212	4	-3-34	15212	6	-3-96	
MPC	1000	15603	3	1-0	15212	3	-1-0	CM34RFG
CM34RFG	1000	15212	4	3-50	15212	5	-3-96	
MPC	1000	15212	1	1-0	215202	1	-1-0	RFG
CM34RFG	1000	15212	2	1-0	215202	2	-1-0	RFG
MPC	1000	15212	3	1-0	215202	3	-1-0	RFG

FORWARD SKID LANDING GEAR MOUNTING STRUCTURE / LEFT SIDE  
209-030-302-003

MPC	1000	14827	1	1-0	15218	1	-1-0	CM11LFG
CM11LFG	1000	15218	5	-5-63	15218	6	3-50	
MPC	1000	14827	2	1-0	15218	2	-1-0	CM21LFG
CM21LFG	1000	15218	4	5-63	15218	6	3-95	
MPC	1000	14827	3	1-0	15218	3	-1-0	CM31LFG
CM31LFG	1000	15218	4	-3-50	15218	5	-3-95	
MPC	1000	15627	1	1-0	15218	1	-1-0	CM12LFG
CM12LFG	1000	15218	5	-5-63	15218	6	1-83	
MPC	1000	15627	2	1-0	15218	2	-1-0	CM22LFG
CM22LFG	1000	15218	4	5-63	15218	6	-3-96	
MPC	1000	15627	3	1-0	15218	3	-1-0	CM32LFG
CM32LFG	1000	15218	4	-1-83	15218	5	3-94	
MPC	1000	14807	1	1-0	15218	1	-1-0	CM13LFG
CM13LFG	1000	15218	5	3-34	15218	6	3-50	
MPC	1000	14807	2	1-0	15218	2	-1-0	CM23LFG
CM23LFG	1000	15218	4	-3-34	15218	5	3-95	
MPC	1000	14807	3	1-0	15218	3	-1-0	CM33LFG
CM33LFG	1000	15218	4	-3-50	15218	5	-3-95	
MPC	1000	15607	1	1-0	15218	1	-1-0	CM14LFG
CM14LFG	1000	15218	5	3-34	15218	6	3-50	
MPC	1000	15607	2	1-0	15218	2	-1-0	CM24LFG
CM24LFG	1000	15218	4	-3-34	15218	6	-3-96	
MPC	1000	15607	3	1-0	15218	3	-1-0	CM34LFG
CM34LFG	1000	15218	4	-3-50	15218	5	3-96	
MPC	1000	15218	1	1-0	215201	1	-1-0	LFG
CM34LFG	1000	15218	2	1-0	215201	2	-1-0	LFG
MPC	1000	15218	3	1-0	215201	3	-1-0	LFG

AFT SKID LANDING GEAR MOUNTING STRUCTURE / RIGHT SIDE  
209-030-172-002

CTARM	1720021	1552014	21821	22312	21803		
CTARM	1720022	1552014	21821	22312	22721		
CTARM	1720023	1552014	22721	22312	22703		
CTARM	1720024	1552014	21803	22312	22703		
CTARM	1720025	1552014	21823	22312	21801		
CTARM	1720026	1552014	21823	22312	22723		
CTARM	1720027	1552014	22723	22312	22701		
CTARM	1720028	1552014	21801	22312	22701		
MPC	1000	22312	1	1-0	222302	1	-1-0
MPC	1000	22312	2	1-0	222302	2	-1-0
MPC	1000	22312	3	1-0	222302	3	-1-0

AFT SKID LANDING GEAR MOUNTING STRUCTURE / LEFT SIDE  
209-030-172-001

CTARM	1720011	1552014	21829	22318	21807		
CTARM	1720012	1552014	21829	22318	22729		
CTARM	1720013	1552014	22729	22318	22707		
CTARM	1720014	1552014	21807	22318	22707		
CTARM	1720015	1552014	21827	22318	21809		

		ENGINE MOUNTS							
		209-060-106/107/108/109							
CTREM	1720016	1552014	21827	22318	22727				
CTREM	1720017	1552014	22727	22318	22709				
CTREM	1720018	1552014	21809	22318	22709				
4PC	1000	22318	1	1.0	222301	1		-1.0	
4PC	1000	22318	2	1.0	227301	2		-1.0	
4PC	1000	22318	3	1.0	222301	3		-1.0	
ENGINE MOUNTS									
209-060-106/107/108/109									
CONROD	109001	123467	1	4130	0.0887				FEM F1
4PC	1000	123467	1	1.0	25065	1		-1.798210	
4PC	1000	25065	1	-201790					
4PC	1000	123467	2	1.0	25069	2		-1.0	
4PC	1000	25069	1	-961728	25065	1		-961728	
4PC	1000	123467	3	1.0	25069	3		-366152	
4PC	1000	25065	1	-201790	21369	3		-432058	
CONROD	1070012	125061	125183	4130	0.1261				REM 41
4PC	1000	125061	1	1.0	25061	1		-802963	
4PC	1000	25065	1	-197037					
4PC	1000	125061	2	1.0	25061	2		-1.0	
4PC	1000	125061	3	1.0	25061	3		-802963	
CONROD	1060012	126863	125383	4130	0.1261				REM 51
4PC	1000	126863	1	1.0	26861	1		-675389	
4PC	1000	26865	1	-324611					
4PC	1000	126863	2	1.0	26861	2		-1.0	
4PC	1000	126863	3	1.0	26861	3		-675389	
CONROD	108001	125065	125387	4130	0.1261				LEM 31
4PC	1000	125065	1	1.0	25065	1		-880432	
4PC	1000	25069	1	-119568					
4PC	1000	125065	2	1.0	25065	2		-1.0	
4PC	1000	125065	3	1.0	25065	3		-880432	
CONROD	1070011	125067	125387	4130	0.1261				LEM 21
4PC	1000	125067	1	1.0	25069	1		-802963	
4PC	1000	25065	1	-197037					
4PC	1000	125067	2	1.0	25069	2		-1.0	
4PC	1000	125067	3	1.0	25069	3		-1.0	
CONROD	1060011	126867	125387	4130	0.1261				LEM 11
4PC	1000	126867	1	1.0	26869	1		-675389	
4PC	1000	26865	1	-324611					
4PC	1000	126867	2	1.0	26869	2		-1.0	
4PC	1000	126867	3	1.0	26869	3		-675389	
CONROD	109001	123467	1	1.0	124800	1			ENG A1
4PC	1000	124800	1	4.25	124800	4		-9.49	
4PC	1000	124800	2	1.0	124800	2		-1.0	
4PC	1000	124800	3	13.931	124800	3		-4.25	
4PC	1000	124800	4	1.0	124800	4		-1.0	
4PC	1000	124800	5	9.49	124800	5		-13.931	
4PC	1000	125383	1	1.0	124800	1		-1.0	
4PC	1000	125383	2	5.562	124800	2		-1.0	
4PC	1000	125383	3	5.562	124800	3		-1.0	
4PC	1000	125383	4	-5.326	124800	4		-5.326	
4PC	1000	125383	5	1.0	124800	5		-1.0	
4PC	1000	125383	6	-11.731	124800	6		-11.731	
4PC	1000	125383	7	1.0	124800	7		-1.0	
4PC	1000	125383	8	5.562	124800	8		-1.0	
4PC	1000	125383	9	-5.326	124800	9		-5.326	

MPG	1000	125387	3	1.0	124800	3	ENG C3
LENG C3	1000	124800	4	11.731	124800	5	5.326
MPG	1000	122402	1	1.0	124800	1	-1.0
MPG	1000	122400	2	1.0	124800	2	-1.0
LFMOENG2	1000	124800	6	23.9	124800	3	-1.0
MPG	1000	122400	3	1.0	124800	3	-1.0
LFMOENG3	1000	124800	5	-23.9	124800	4	-1.0
MPG	1000	122400	4	1.0	124800	5	-1.0
MPG	1000	122400	5	1.0	124800	6	-1.0
MPG	1000	122400	1	1.0	124800	1	-1.0
MPG	1000	127200	2	1.0	124800	2	-1.0
LAFTENG2	1000	124800	6	-24.8	124800	3	-1.0
MPG	1000	127200	3	1.0	124800	4	-1.0
LAFTENG3	1000	124800	5	24.8	124800	5	-1.0
MPG	1000	127200	4	1.0	124800	6	-1.0
MPG	1000	127200	5	1.0	124800	7	-1.0
MPG	1000	127200	6	1.0	124800	8	-1.0

# MEMBRANE PROPERTIES

PJONEH	0082024	2024	0.008
PJONEH	0100076	0076	0.010
PJONEH	0122024	2024	0.012
PJONEH	0127075	7075	0.012
PJONEH	0129046	9046	0.012
PJONEH	0133014	2014	0.013
PJONEH	0142024	2024	0.014
PJONEH	0149046	9046	0.014
PJONEH	0200076	0076	0.020
PJONEH	0202024	2024	0.020
PJONEH	0212024	2024	0.021
PJONEH	0227075	7075	0.022
PJONEH	0242024	2024	0.024
PJONEH	025	2024	0.025
PJONEH	0250057	0057	0.025
PJONEH	0252024	2024	0.025
PJONEH	0282024	2024	0.028
PJONEH	0287075	7075	0.028
PJONEH	0289046	9046	0.028
PJONEH	0300076	0076	0.030
PJONEH	032	2024	0.032
PJONEH	0322014	2014	0.032
PJONEH	0322024	2024	0.032
PJONEH	0327075	7075	0.032
PJONEH	0329046	9046	0.032
PJONEH	0342024	2024	0.034
PJONEH	0402024	2024	0.040
PJONEH	0407075	7075	0.040
PJONEH	0492024	2024	0.049
PJONEH	0507075	7075	0.050
PJONEH	0509046	9046	0.050
PJONEH	0522024	2024	0.052
PJONEH	0637075	7075	0.063
PJONEH	0649046	9046	0.064
PJONEH	0682024	2024	0.068
PJONEH	0727075	7075	0.072
PJONEH	0857075	7075	0.085
PJONEH	0959046	9046	0.095
PJONEH	1007075	7075	0.100
PJONEH	1242014	2014	0.125
PJONEH	2002014	2014	0.200
PJONEH	4002014	2014	0.400



PTNEM	0082024	2024	0.008
PTNEM	0100076	0076	0.010
PTNEM	0122024	2024	0.012
PTNEM	0127075	7075	0.012
PTNEM	0129046	9046	0.012
PTNEM	0152014	2014	0.015
PTNEM	0162024	2024	0.016
PTNEM	0167075	7075	0.016
PTNEM	0169046	9046	0.016
PTNEM	0200076	0076	0.020
PTNEM	0202024	2024	0.020
PTNEM	0207075	7075	0.020
PTNEM	0212024	2024	0.021
PTNEM	0227075	7075	0.022
PTNEM	0242024	2024	0.024
PTNEM	025	2024	0.025
PTNEM	0250057	0057	0.025
PTNEM	0252024	2024	0.025
PTNEM	0257075	7075	0.025
PTNEM	0259046	9046	0.025
PTNEM	0282024	2024	0.028
PTNEM	0300076	0076	0.030
PTNEM	032	2024	0.032
PTNEM	0322014	2014	0.032
PTNEM	0322024	2024	0.032
PTNEM	0327075	7075	0.032
PTNEM	0329046	9046	0.032
PTNEM	0402024	2024	0.040
PTNEM	0407075	7075	0.040
PTNEM	0492024	2024	0.049
PTNEM	0507075	7075	0.050
PTNEM	0509046	9046	0.050
PTNEM	0527075	7075	0.052
PTNEM	0637075	7075	0.063
PTNEM	0657075	7075	0.065
PTNEM	0717075	7075	0.071
PTNEM	0727075	7075	0.072
PTNEM	0807075	7075	0.080
PTNEM	0857075	7075	0.085
PTNEM	0959046	9046	0.095
PTNEM	1007075	7075	0.100
PTNEM	1252014	2014	0.125
PTNEM	150	2014	0.150
PTNEM	1552014	2014	0.155
PTNEM	18157	2014	0.18157
PTNEM	2002014	2014	0.200
PTNEM	4002014	2014	0.400

# SHEAR PANEL PROPERTIES

PSHEAR	0082024	2024	0.008
PSHEAR	0100076	0076	0.010
PSHEAR	0122024	2024	0.012
PSHEAR	0127075	7075	0.012
PSHEAR	0129046	9046	0.012
PSHEAR	0152014	2014	0.015
PSHEAR	0162024	2024	0.016
PSHEAR	0167075	7075	0.016
PSHEAR	0169046	9046	0.016
PSHEAR	0200076	0076	0.020
PSHEAR	0202024	2024	0.020
PSHEAR	0207075	7075	0.020
PSHEAR	0212024	2024	0.021
PSHEAR	0227075	7075	0.022

P SWEAR	0242024	2024	0.024
P SWEAR	0250057	0057	0.025
P SWEAR	0252024	2024	0.025
P SWEAR	0257075	7075	0.025
P SWEAR	0259046	9046	0.025
P SWEAR	0282024	2024	0.028
P SWEAR	0292024	2024	0.029
P SWEAR	0300076	0076	0.030
P SWEAR	0322024	2024	0.032
P SWEAR	0327075	7075	0.032
P SWEAR	0329046	9046	0.032
P SWEAR	0402024	2024	0.040
P SWEAR	0407075	7075	0.040
P SWEAR	0409046	9046	0.040
P SWEAR	0417075	7075	0.041
P SWEAR	0492024	2024	0.049
P SWEAR	0507075	7075	0.050
P SWEAR	0509046	9046	0.050
P SWEAR	0527075	7075	0.052
P SWEAR	063	7075	0.063
P SWEAR	06416	2014	0.06416
P SWEAR	0657075	7075	0.065
P SWEAR	0717075	7075	0.071
P SWEAR	07149	2014	0.07149
P SWEAR	0727075	7075	0.072
P SWEAR	07278	2014	0.07278
P SWEAR	07402	2014	0.07402
P SWEAR	07505	2014	0.07505
P SWEAR	0807075	7075	0.080
P SWEAR	0817075	7075	0.081
P SWEAR	100	2014	0.100
P SWEAR	1007075	7075	0.100
P SWEAR	11916	2014	0.11916
P SWEAR	12381	2014	0.12381
P SWEAR	125	2014	0.125
P SWEAR	1252014	2014	0.125
P SWEAR	12728	2014	0.12728
P SWEAR	12966	2014	0.12966
P SWEAR	150	2014	0.150
P SWEAR	17088	2014	0.17088
P SWEAR	17410	2014	0.17410
P SWEAR	17490	2014	0.17490
P SWEAR	17735	2014	0.17735
P SWEAR	18157	2014	0.18157
P SWEAR	200	2014	0.200
P SWEAR	2002014	2014	0.200
P SWEAR	400	2014	0.400
P SWEAR	4002014	2014	0.400

MATERIAL CARDS

MAT1	1	1.066	1.066
MAT1	10	1.0	1.0
MAT1	0057	3.266	0.866
MAT1	0076	3.266	0.866
MAT1	2014	10.566	4.066
MAT1	2024	10.566	4.066
MAT1	7075	10.366	3.966
MAT1	430	29.066	11.066
MAT1	4360	29.066	11.066
MAT1	4620	29.066	11.066
MAT1	9046	17.566	6.566



3D-1G THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 9935 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

CAR 1	COUNT	1	2	3	4	5	6	7	8	9	10	
1-	1-	20411	20411	222002	222002	0	0	0	1.0	1		
2-	2-	20412	20412	222002	222002	0	0	0	1.0	1		
3-	3-	20413	20413	222002	222002	0	0	0	1.0	1		
4-	4-	20414	20414	222001	222001	0	0	0	1.0	1		
5-	5-	20415	20415	222001	222001	0	0	0	1.0	1		
6-	6-	20451	20451	214902	214902	0	0	0	1.0	1		
7-	7-	20452	20452	215102	215102	0	0	0	1.0	1		
8-	8-	20453	20453	215202	215202	0	0	0	1.0	1		
9-	9-	20454	20454	215201	215201	0	0	0	1.0	1		
10-	10-	20455	20455	215101	215101	0	0	0	1.0	1		
11-	11-	20511	20511	214901	214901	0	0	0	1.0	1		
12-	12-	20512	20512	214901	214901	0	0	0	1.0	1		
13-	13-	20513	20513	222001	222001	0	0	0	1.0	1		
14-	14-	20521	20521	211002	211002	0	0	0	1.0	1		
15-	15-	20522	20522	214902	214902	0	0	0	1.0	1		
16-	16-	20523	20523	222002	222002	0	0	0	1.0	1		
17-	17-	1070311	1070311	18667	18667	1.0	0	0	0	0		
18-	18-	1070321	1070321	18663	18663	1.0	0	0	0	0		
19-	19-	1210091	1210091	21367	21367	1.0	0	0	0	0		
20-	20-	1210101	1210101	21363	21363	1.0	0	0	0	0		
21-	21-	1210211	1210211	18667	18667	0	0	0	1.0	1		
22-	22-	1210212	1210212	18667	21187	0	0	0	1.0	1		
23-	23-	1210213	1210213	21187	21387	0	0	0	1.0	1		
24-	24-	1210611	1210611	18663	18663	0	0	0	1.0	1		
25-	25-	1210612	1210612	18663	21183	0	0	0	1.0	1		
26-	26-	1210613	1210613	21183	21383	0	0	0	1.0	1		
27-	27-	1866100	1866100	18661	61918	0	1.0	0	1.0	1		F6 LUGL
28-	28-	1866900	1866900	18669	71918	0	1.0	0	1.0	1		F4 LUGL
29-	29-	1865100	1865100	18651	61916	0	1.0	0	1.0	1		F4 LUGL
30-	30-	1865400	1865400	18654	71916	0	1.0	0	1.0	1		F3 LUGL
31-	31-	1865600	1865600	18656	61914	0	1.0	0	1.0	1		F1 LUGL
32-	32-	1865900	1865900	18659	71914	0	1.0	0	1.0	1		F1 LUGL
33-	33-	1866100	1866100	18661	61912	0	1.0	0	1.0	1		
34-	34-	1866900	1866900	18669	71912	0	1.0	0	1.0	1		
35-	35-	1874142	1874142	18641	18642	0	1.0	0	1.0	1		
36-	36-	1874151	1874151	18641	18651	0	1.0	0	1.0	1		
37-	37-	1874243	1874243	18642	18643	0	1.0	0	1.0	1		1874243
38-	38-	1874344	1874344	18643	18644	0	1.0	0	1.0	1		
39-	39-	1874363	1874363	18643	18644	0	1.0	0	1.0	1		
40-	40-	1874445	1874445	18644	18645	0	1.0	0	1.0	1		
41-	41-	1874546	1874546	18645	18646	0	1.0	0	1.0	1		
42-	42-	1874647	1874647	18646	18647	0	1.0	0	1.0	1		
43-	43-	1874748	1874748	18647	18648	0	1.0	0	1.0	1		1874748
44-	44-	1874753	1874753	18647	18653	0	1.0	0	1.0	1		1874753
45-	45-	1874767	1874767	18647	18648	0	1.0	0	1.0	1		
46-	46-	1874849	1874849	18649	18649	0	1.0	0	1.0	1		
47-	47-	1874954	1874954	18649	18650	0	1.0	0	1.0	1		
48-	48-	1875152	1875152	18651	18652	0	1.0	0	1.0	1		
49-	49-	1875156	1875156	18651	18652	0	1.0	0	1.0	1		
50-	50-	1875243	1875243	18652	18653	0	1.0	0	1.0	1		1875243
51-	51-	1875257	1875257	18652	18653	0	1.0	0	1.0	1		
52-	52-	1875354	1875354	18653	18654	0	1.0	0	1.0	1		
53-	53-	1875354	1875354	18653	18654	0	1.0	0	1.0	1		
54-	54-	1875354	1875354	18653	18654	0	1.0	0	1.0	1		
55-	55-	1875354	1875354	18653	18654	0	1.0	0	1.0	1		
56-	56-	1875354	1875354	18653	18654	0	1.0	0	1.0	1		

57-	CBAR	1875358	1875358	18651	18658	-0	1-0	1-0	1	
58-	CBAR	1875459	1875459	18656	18659	-0	1-0	1-0	1	
59-	CBAR	1875557	1875557	18656	18657	-0	1-0	1-0	1	1875763
60-	CBAR	1875763	1875763	18657	18663	-0	1-0	1-0	1	
61-	CBAR	1875763	1875763	18657	18663	-0	1-0	1-0	1	
62-	CBAR	1875859	1875859	18658	18659	-0	1-0	1-0	1	
63-	CBAR	1876162	1876162	18661	18662	-0	1-0	1-0	1	1876263
64-	CBAR	1876263	1876263	18662	18663	-0	1-0	1-0	1	
65-	CBAR	1876364	1876364	18663	18664	-0	1-0	1-0	1	
66-	CBAR	1876465	1876465	18664	18665	-0	1-0	1-0	1	
67-	CBAR	1876566	1876566	18665	18666	-0	1-0	1-0	1	
68-	CBAR	1876667	1876667	18666	18667	-0	1-0	1-0	1	
69-	CBAR	1876758	1876758	18667	18668	-0	1-0	1-0	1	1876759
70-	CBAR	1876758	1876758	18667	18668	-0	1-0	1-0	1	
71-	CBAR	1876758	1876758	18667	18668	-0	1-0	1-0	1	1876768
72-	CBAR	1876763	1876763	18667	18668	-0	1-0	1-0	1	
73-	CBAR	1876768	1876768	18668	18669	-0	1-0	1-0	1	
74-	CBAR	1876869	1876869	18668	18669	-0	1-0	1-0	1	
75-	CBAR	1876900	1876900	18669	18670	-0	1-0	1-0	1	C5 LUGR
76-	CBAR	1876912	1876912	18670	18671	-0	1-0	1-0	1	
77-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
78-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	1974243
79-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
80-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
81-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
82-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
83-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
84-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	1974749
85-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
86-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
87-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
88-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
89-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	C5 LUGL
90-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
91-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	C2 LUGR
92-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
93-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
94-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
95-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
96-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
97-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	C2 LUGL
98-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
99-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
100-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	1976263
101-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
102-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
103-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
104-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	1976768
105-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
106-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
107-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	2124143
108-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
109-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
110-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
111-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	2124749
112-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
113-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
114-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
115-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	A2 LUGR
116-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	A2 LUGL
117-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
118-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
119-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	3440011
120-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	
121-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	3440012
122-	CBAR	1876915	1876915	18671	18672	-0	1-0	1-0	1	MR 5/5

123-	CJAR	3530252	353025	200078	230079	1.0	-0	-0	1	MR G/B
124-	CJAR	3530251	353025	200079	230079	1.0	-0	-0	1	MR G/B
125-	CJAR	3530254	353025	200087	230096	1.0	-0	-0	1	MR G/B
126-	CJAR	3530255	353025	200096	230101	1.0	-0	-0	1	MRBAG2
127-	MRBAG2	456								
128-	CJAR	3570001	3570001	200078	19765	1.0	-0	-0	1	LLINK
129-	LLINK	-3.10			0.0	-1.07	0.0	0.0	1.52	
130-	CJAR	3593800	3593800	35945	38045	-0	-0	-0	1	
131-	CJAR	3804010	3804010	38045	42145	-0	-0	-0	1	
132-	CJAR	4000071	400007	52045	52024	-0	-0	-0	1	TRBAG1
133-	CJAR	4000072	400007	52045	520068	-0	-0	-0	1	TRBAG2
134-	TRBAG2	456								
135-	CJAR	4014142	4014142	40141	40142	-0	-0	-0	1	
136-	CJAR	4014220	4014220	40145	42245	-0	-0	-0	1	
137-	CJAR	4014243	4014243	40142	42143	-0	-0	-0	1	
138-	CJAR	4014345	4014345	40143	42145	-0	-0	-0	1	ELEV R
139-	ELEV R	56								
140-	CJAR	4014347	4014347	40143	40147	-0	-0	-0	1	ELEV L
141-	CJAR	4014547	4014547	40145	40147	-0	-0	-0	1	
142-	ELEV L	56								
143-	CJAR	4014748	4014748	40147	40148	-0	-0	-0	1	
144-	CJAR	4014849	4014849	40148	40149	-0	-0	-0	1	TR MAST
145-	CJAR	4020091	4020091	520018	520024	-0	-0	-0	1	TR MAST
146-	CJAR	4020092	4020092	520024	520037	-0	-0	-0	1	TR MAST
147-	CJAR	4020093	4020093	520037	520045	-0	-0	-0	1	TR MAST
148-	CJAR	4020094	4020094	520045	520068	-0	-0	-0	1	TR MAST
149-	CJAR	4020095	4020095	520068	520079	-0	-0	-0	1	TR MAST
150-	CJAR	4020096	4020096	520079	520135	-0	-0	-0	1	TR MAST
151-	CJAR	4020097	4020097	520135	520139	-0	-0	-0	1	TR MAST
152-	CJAR	4020098	4020098	520139	520152	-0	-0	-0	1	TR MAST
153-	CJAR	4020099	4020099	520152	520185	-0	-0	-0	1	TR MAST
154-	CJAR	4224430	4224430	42245	44345	-0	-0	-0	1	TR MAST
155-	CJAR	4434520	4434520	44345	45245	-0	-0	-0	1	
156-	CJAR	4500050	4500050	200079	200086	1.0	-0	-0	1	MRBAG1
157-	MRBAG1	56								
158-	CJAR	4500070	450007	200086	230095	1.0	-0	-0	1	MR MAST
159-	CJAR	4500071	450007	200095	200101	1.0	-0	-0	1	MR MAST
160-	CJAR	4500072	450007	200101	200106	1.0	-0	-0	1	MR MAST
161-	CJAR	4500073	450007	200106	200114	1.0	-0	-0	1	MR MAST
162-	CJAR	4500074	450007	200114	200121	1.0	-0	-0	1	MR MAST
163-	CJAR	4500075	450007	200121	200129	1.0	-0	-0	1	MR MAST
164-	CJAR	4500076	450007	200129	200137	1.0	-0	-0	1	MR MAST
165-	CJAR	4500077	450007	200137	200145	1.0	-0	-0	1	MR MAST
166-	CJAR	4500078	450007	200145	200153	1.0	-0	-0	1	MR MAST
167-	CJAR	4500079	450007	200153	200155	1.0	-0	-0	1	MR MAST
168-	CJAR	4524440	4524440	45245	46445	-0	-0	-0	1	
169-	CJAR	4644800	4644800	46445	48045	-0	-0	-0	1	
170-	CJAR	4804880	4804880	48045	48845	-0	-0	-0	1	
171-	CJAR	4884970	4884970	48845	49745	-0	-0	-0	1	
172-	CJAR	4975060	4975060	49745	50645	-0	-0	-0	1	
173-	CJAR	5065150	5065150	50645	51545	-0	-0	-0	1	
174-	CJAR	5155200	5155200	51545	52045	-0	-0	-0	1	
175-	CJAR	6131922	6131922	61913	62213	-0	-0	-0	1	
176-	CJAR	6171922	6171922	61917	62217	-0	-0	-0	1	
177-	CJAR	6221922	6221922	61922	62221	-0	-0	-0	1	
178-	CL LUGR	0.0		0.0	0.0	0.0	0.0	0.0	-0.91	
179-	CJAR	6222813	6222813	62213	62811	-0	-0	-0	1	6222813
180-	6222813	456								
181-	CJAR	6222817	6222817	62217	62819	-0	-0	-0	1	6222817
182-	6222817	456								
183-	CJAR	6222821	6222821	62221	62821	-0	-0	-0	1	6222821
184-	6222821	456								
185-	CJAR	6222824	6222824	62224	62821	-0	-0	-0	1	6222824
186-	6222824	456								
187-	CJAR	6222826	6222826	62226	62829	-0	-0	-0	1	6222826
188-	6222826	456								

189-	COAR	6222829	6222829	62229	0	1.0	1	6222829
190-	COAR	6222831	6222831	62231	0	1.0	1	6222831
191-	COAR	6222839	6222839	62239	0	1.0	1	6222839
192-	COAR	6222841	6222841	62241	0	1.0	1	6222841
193-	COAR	6222849	6222849	62249	0	1.0	1	6222849
194-	COAR	6222851	6222851	62251	0	1.0	1	6222851
195-	COAR	6222859	6222859	62259	0	1.0	1	6222859
196-	COAR	6222861	6222861	62261	0	1.0	1	6222861
197-	COAR	6222869	6222869	62269	0	1.0	1	6222869
198-	COAR	6222871	6222871	62271	0	1.0	1	6222871
199-	COAR	6222879	6222879	62279	0	1.0	1	6222879
200-	COAR	6222881	6222881	62281	0	1.0	1	6222881
201-	COAR	6222889	6222889	62289	0	1.0	1	6222889
202-	COAR	6222891	6222891	62291	0	1.0	1	6222891
203-	COAR	6222899	6222899	62299	0	1.0	1	6222899
204-	COAR	6222901	6222901	62301	0	1.0	1	6222901
205-	COAR	6222909	6222909	62309	0	1.0	1	6222909
206-	COAR	6222911	6222911	62311	0	1.0	1	6222911
207-	COAR	6222919	6222919	62319	0	1.0	1	6222919
208-	COAR	6222921	6222921	62321	0	1.0	1	6222921
209-	COAR	6222929	6222929	62329	0	1.0	1	6222929
210-	COAR	6222931	6222931	62331	0	1.0	1	6222931
211-	COAR	6222939	6222939	62339	0	1.0	1	6222939
212-	COAR	6222941	6222941	62341	0	1.0	1	6222941
213-	COAR	6222949	6222949	62349	0	1.0	1	6222949
214-	COAR	6222951	6222951	62351	0	1.0	1	6222951
215-	COAR	6222959	6222959	62359	0	1.0	1	6222959
216-	COAR	6222961	6222961	62361	0	1.0	1	6222961
217-	COAR	6222969	6222969	62369	0	1.0	1	6222969
218-	COAR	6222971	6222971	62371	0	1.0	1	6222971
219-	COAR	6222979	6222979	62379	0	1.0	1	6222979
220-	COAR	6222981	6222981	62381	0	1.0	1	6222981
221-	COAR	6222989	6222989	62389	0	1.0	1	6222989
222-	COAR	6222991	6222991	62391	0	1.0	1	6222991
223-	COAR	6222999	6222999	62399	0	1.0	1	6222999
224-	COAR	6223001	6223001	62401	0	1.0	1	6223001
225-	COAR	6223009	6223009	62409	0	1.0	1	6223009
226-	COAR	6223011	6223011	62411	0	1.0	1	6223011
227-	COAR	6223019	6223019	62419	0	1.0	1	6223019
228-	COAR	6223021	6223021	62421	0	1.0	1	6223021
229-	COAR	6223029	6223029	62429	0	1.0	1	6223029
230-	COAR	6223031	6223031	62431	0	1.0	1	6223031
231-	COAR	6223039	6223039	62439	0	1.0	1	6223039
232-	COAR	6223041	6223041	62441	0	1.0	1	6223041
233-	COAR	6223049	6223049	62449	0	1.0	1	6223049
234-	COAR	6223051	6223051	62451	0	1.0	1	6223051
235-	COAR	6223059	6223059	62459	0	1.0	1	6223059
236-	COAR	6223061	6223061	62461	0	1.0	1	6223061
237-	COAR	6223069	6223069	62469	0	1.0	1	6223069
238-	COAR	6223071	6223071	62471	0	1.0	1	6223071
239-	COAR	6223079	6223079	62479	0	1.0	1	6223079
240-	COAR	6223081	6223081	62481	0	1.0	1	6223081
241-	COAR	6223089	6223089	62489	0	1.0	1	6223089
242-	COAR	6223091	6223091	62491	0	1.0	1	6223091
243-	COAR	6223099	6223099	62499	0	1.0	1	6223099
244-	COAR	6223101	6223101	62501	0	1.0	1	6223101
245-	COAR	6223109	6223109	62509	0	1.0	1	6223109
246-	COAR	6223111	6223111	62511	0	1.0	1	6223111
247-	COAR	6223119	6223119	62519	0	1.0	1	6223119
248-	COAR	6223121	6223121	62521	0	1.0	1	6223121
249-	COAR	6223129	6223129	62529	0	1.0	1	6223129
250-	COAR	6223131	6223131	62531	0	1.0	1	6223131
251-	COAR	6223139	6223139	62539	0	1.0	1	6223139
252-	COAR	6223141	6223141	62541	0	1.0	1	6223141
253-	COAR	6223149	6223149	62549	0	1.0	1	6223149
254-	COAR	6223151	6223151	62551	0	1.0	1	6223151

250	CONM2	75117	5117	10000
251	CONM2	75131	5131	10113
252	CONM2	75133	5133	10134
253	CONM2	75137	5137	10138
254	CONM2	75139	5139	10152
255	CONM2	75141	5141	10150
256	CONM2	75143	5143	10171
257	CONM2	75147	5147	10171
258	CONM2	75149	5149	10182
259	CONM2	75151	5151	10181
260	CONM2	75153	5153	10181
261	CONM2	75157	5157	10181
262	CONM2	75159	5159	10181
263	CONM2	75161	5161	10181
264	CONM2	75163	5163	10181
265	CONM2	75167	5167	10181
266	CONM2	75169	5169	10181
267	CONM2	75171	5171	10181
268	CONM2	75174	5174	10181
269	CONM2	75176	5176	10181
270	CONM2	75178	5178	10181
271	CONM2	75181	5181	10181
272	CONM2	75183	5183	10181
273	CONM2	75187	5187	10181
274	CONM2	75189	5189	10181
275	CONM2	75191	5191	10181
276	CONM2	75193	5193	10181
277	CONM2	75197	5197	10181
278	CONM2	75199	5199	10181
279	CONM2	75201	5201	10181
280	CONM2	75203	5203	10181
281	CONM2	75207	5207	10181
282	CONM2	75209	5209	10181
283	CONM2	75211	5211	10181
284	CONM2	75213	5213	10181
285	CONM2	75217	5217	10181
286	CONM2	75219	5219	10181
287	CONM2	75221	5221	10181
288	CONM2	75223	5223	10181
289	CONM2	75227	5227	10181
290	CONM2	75229	5229	10181
291	CONM2	75231	5231	10181
292	CONM2	75233	5233	10181
293	CONM2	75237	5237	10181
294	CONM2	75239	5239	10181
295	CONM2	75241	5241	10181
296	CONM2	75243	5243	10181
297	CONM2	75247	5247	10181
298	CONM2	75249	5249	10181
299	CONM2	75251	5251	10181
300	CONM2	75253	5253	10181
301	CONM2	75257	5257	10181
302	CONM2	75259	5259	10181
303	CONM2	75261	5261	10181
304	CONM2	75263	5263	10181
305	CONM2	75267	5267	10181
306	CONM2	75269	5269	10181
307	CONM2	75271	5271	10181
308	CONM2	75273	5273	10181
309	CONM2	75277	5277	10181
310	CONM2	75279	5279	10181
311	CONM2	75281	5281	10181
312	CONM2	75283	5283	10181
313	CONM2	75287	5287	10181
314	CONM2	75289	5289	10181
315	CONM2	75291	5291	10181
316	CONM2	75293	5293	10181
317	CONM2	75297	5297	10181
318	CONM2	75299	5299	10181
319	CONM2	75301	5301	10181
320	CONM2	75303	5303	10181

FLUID  
TURRET  
CLOSURE  
TUB STP  
LAUNCHER  
CRADLE  
G/BMOTOR  
MINIGUN  
CABLE  
GEARBOX  
MOTOR  
FEEDTRAY



321-	UNR2	99367	9367	9.072
322-	UNR2	99369	9369	2.335
323-	UNR2	99371	9371	6.911
324-	UNR2	99373	9373	49.161
325-	UNR2	99377	9377	54.994
326-	UNR2	99379	9379	12.337
327-	UNR2	101503	11503	9.083
328-	UNR2	101507	11507	9.128
329-	UNR2	101511	11511	5.859
330-	UNR2	101515	11515	19.722
331-	UNR2	101517	11517	21.504
332-	UNR2	101519	11519	7.873
333-	UNR2	101523	11523	16.344
334-	UNR2	101527	11527	16.791
335-	UNR2	101561	11561	9.670
336-	UNR2	101563	11563	21.696
337-	UNR2	101567	11567	19.154
338-	UNR2	101569	11569	5.917
339-	UNR2	101571	11571	5.539
340-	UNR2	101579	11579	8.926
341-	UNR2	103801	13801	1.113
342-	UNR2	103803	13803	5.138
343-	UNR2	103807	13807	5.002
344-	UNR2	103809	13809	1.052
345-	UNR2	103821	13821	1.512
346-	UNR2	103823	13823	5.508
347-	UNR2	103827	13827	5.708
348-	UNR2	103829	13829	1.649
349-	UNR2	103831	13831	3.656
350-	UNR2	103833	13833	13.472
351-	UNR2	103837	13837	15.665
352-	UNR2	103839	13839	9.126
353-	UNR2	103841	13841	1.887
354-	UNR2	103843	13843	7.291
355-	UNR2	103847	13847	9.530
356-	UNR2	103848	13848	4.869
357-	UNR2	103849	13849	4.018
358-	UNR2	103851	13851	3.669
359-	UNR2	103853	13853	40.094
360-	UNR2	103857	13857	14.571
361-	UNR2	103859	13859	3.301
362-	UNR2	103571	13571	16.714
363-	UNR2	103879	13879	13.322
364-	UNR2	104801	14801	1.098
365-	UNR2	104803	14803	4.057
366-	UNR2	104807	14807	4.022
367-	UNR2	104809	14809	1.092
368-	UNR2	104821	14821	1.980
369-	UNR2	104823	14823	7.770
370-	UNR2	104827	14827	8.254
371-	UNR2	104829	14829	2.424
372-	UNR2	104831	14831	4.886
373-	UNR2	104833	14833	14.716
374-	UNR2	104837	14837	15.388
375-	UNR2	104839	14839	5.566
376-	UNR2	104841	14841	3.991
377-	UNR2	104843	14843	15.512
378-	UNR2	104847	14847	17.832
379-	UNR2	104849	14849	5.932
380-	UNR2	104851	14851	5.066
381-	UNR2	104863	14863	33.236
382-	UNR2	104867	14867	35.138
383-	UNR2	104869	14869	8.171
384-	UNR2	104891	14891	4.845
385-	UNR2	104893	14893	17.626
386-	UNR2	104897	14897	18.186

387-	CONM2	104889	14989	5.338
388-	CONM2	105601	15601	1.640
389-	CONM2	105603	15603	6.578
390-	CONM2	105607	15607	7.003
391-	CONM2	105609	15609	2.088
392-	CONM2	105621	15621	2.569
393-	CONM2	105623	15623	2.463
394-	CONM2	105625	15625	10.568
395-	CONM2	105627	15627	3.439
396-	CONM2	105629	15629	3.469
397-	CONM2	105633	15633	5.611
398-	CONM2	105637	15637	5.916
399-	CONM2	106481	16481	8.754
400-	CONM2	106483	16483	8.759
401-	CONM2	106485	16485	20.104
402-	CONM2	106487	16487	10.054
403-	CONM2	106489	16489	9.779
404-	CONM2	106601	16601	1.073
405-	CONM2	106603	16603	4.685
406-	CONM2	106607	16607	4.556
407-	CONM2	106609	16609	1.986
408-	CONM2	106621	16621	3.665
409-	CONM2	106623	16623	13.494
410-	CONM2	106625	16625	20.981
411-	CONM2	106627	16627	22.897
412-	CONM2	106629	16629	3.952
413-	CONM2	106631	16631	3.946
414-	CONM2	106633	16633	16.895
415-	CONM2	106635	16635	22.634
416-	CONM2	106637	16637	26.279
417-	CONM2	106639	16639	7.945
418-	CONM2	106641	16641	1.259
419-	CONM2	106642	16642	1.245
420-	CONM2	106643	16643	2.285
421-	CONM2	106644	16644	8.294
422-	CONM2	106645	16645	8.940
423-	CONM2	106646	16646	4.135
424-	CONM2	106647	16647	2.578
425-	CONM2	106648	16648	1.705
426-	CONM2	106649	16649	1.670
427-	CONM2	106651	16651	1.396
428-	CONM2	106652	16652	1.615
429-	CONM2	106653	16653	1.854
430-	CONM2	106654	16654	1.813
431-	CONM2	106656	16656	1.284
432-	CONM2	106657	16657	1.305
433-	CONM2	106658	16658	1.739
434-	CONM2	106659	16659	1.703
435-	CONM2	106661	16661	2.124
436-	CONM2	106662	16662	2.138
437-	CONM2	106663	16663	7.944
438-	CONM2	106664	16664	8.778
439-	CONM2	106665	16665	13.016
440-	CONM2	106666	16666	8.161
441-	CONM2	106667	16667	7.302
442-	CONM2	106668	16668	2.019
443-	CONM2	106669	16669	1.998
444-	CONM2	106681	16681	8.693
445-	CONM2	106683	16683	32.324
446-	CONM2	106685	16685	60.323
447-	CONM2	106687	16687	27.285
448-	CONM2	106689	16689	9.804
449-	CONM2	106741	19741	2.346
450-	CONM2	106742	19742	4.609
451-	CONM2	106743	19743	5.156
452-	CONM2	106745	19745	11.232

451-	COMN2	109747	19747	4.231
452-	COMN2	109748	19748	3.642
453-	COMN2	109749	19749	2.399
454-	COMN2	109751	19751	2.757
455-	COMN2	109752	19752	3.133
456-	COMN2	109758	19758	3.995
457-	COMN2	109759	19759	2.844
458-	COMN2	109761	19761	2.221
459-	COMN2	109762	19762	4.633
460-	COMN2	109763	19763	5.432
461-	COMN2	109765	19765	12.896
462-	COMN2	109767	19767	4.155
463-	COMN2	109768	19768	3.600
464-	COMN2	109769	19769	2.304
465-	COMN2	111321	21121	6.659
466-	COMN2	111323	21123	9.994
467-	COMN2	111325	21125	20.033
468-	COMN2	111327	21127	18.946
469-	COMN2	111329	21129	7.634
470-	COMN2	111341	21141	4.530
471-	COMN2	111343	21143	5.686
472-	COMN2	111345	21145	11.857
473-	COMN2	111347	21147	5.713
474-	COMN2	111349	21149	4.879
475-	COMN2	111361	21161	17.866
476-	COMN2	111363	21163	23.858
477-	COMN2	111364	21164	23.001
478-	COMN2	111366	21166	27.471
479-	COMN2	111367	21167	28.406
480-	COMN2	111369	21169	21.681
481-	COMN2	111383	21183	48.827
482-	COMN2	111387	21187	34.371
483-	COMN2	111801	21801	1.894
484-	COMN2	111803	21803	3.639
485-	COMN2	111807	21807	3.893
486-	COMN2	111809	21809	1.953
487-	COMN2	111821	21821	5.937
488-	COMN2	111823	21823	7.188
489-	COMN2	111825	21825	13.613
490-	COMN2	111827	21827	7.871
491-	COMN2	111829	21829	6.223
492-	COMN2	112701	22701	2.043
493-	COMN2	112703	22703	3.691
494-	COMN2	112707	22707	3.667
495-	COMN2	112709	22709	1.998
496-	COMN2	112721	22721	7.817
497-	COMN2	112723	22723	11.922
498-	COMN2	112725	22725	15.296
499-	COMN2	112727	22727	12.589
500-	COMN2	112729	22729	7.921
501-	COMN2	115001	25001	1.933
502-	COMN2	115003	25003	4.877
503-	COMN2	115007	25007	3.006
504-	COMN2	115009	25009	1.526
505-	COMN2	115021	25021	6.418
506-	COMN2	115025	25025	12.767
507-	COMN2	115029	25029	6.832
508-	COMN2	115041	25041	10.475
509-	COMN2	115045	25045	22.769
510-	COMN2	115049	25049	10.010
511-	COMN2	115061	25061	25.414
512-	COMN2	115065	25065	56.155
513-	COMN2	115069	25069	31.959
514-	COMN2	116801	26801	2.583
515-	COMN2	116809	26809	2.896
516-	COMN2	116821	26821	7.919

	ENGINE	STARTER	RESPLUID	1/2 DS	TACHMTR	BASIC
519-	110825	26825	26-633			
520-	110829	26829	16-380			
521-	110841	26841	7-640			
522-	110845	26845	17-307			
523-	110849	26849	8-627			
524-	110861	26861	17-663			
525-	110865	26865	37-880			
526-	110869	26869	17-941			
527-	110875	26875	2-139			
528-	110921	26921	8-630			
529-	110925	26925	22-915			
530-	110929	26929	13-202			
531-	110941	26941	10-447			
532-	110945	26945	27-421			
533-	110949	26949	15-213			
534-	110961	26961	10-173			
535-	110965	26965	21-300			
536-	110969	26969	10-763			
537-	120045	30045	6-020			
538-	121745	31745	33-300			
539-	123845	33845	43-991			
540-	124800	124800	530-000			
541-	1-7854			9.4364		
542-	124801	124801	48-000			
543-	124802	124802	5-000			
544-	124803	124803	1-550			
545-	124804	124804	0-800			
546-	124805	124805	26-700			
547-	124806	124806	2-200			
548-	125945	35945	60-542			
549-	128045	38045	33-770			
550-	130141	40141	3-541			
551-	130142	40142	7-937			
552-	130143	40143	10-107			
553-	130145	40145	20-830			
554-	130147	40147	9-503			
555-	130148	40148	5-887			
556-	130149	40149	3-541			
557-	132245	42245	19-695			
558-	134345	44345	9-748			
559-	135245	45245	10-218			
560-	136445	46445	18-052			
561-	138045	48045	23-604			
562-	138445	48445	16-465			
563-	138845	48845	6-526			
564-	139745	49745	12-117			
565-	140645	50645	6-674			
566-	141545	51545	5-865			
567-	142045	52045	17-591			
568-	151912	61912	0-201			
569-	151913	61913	0-201			
570-	151914	61914	0-201			
571-	151916	61916	0-184			
572-	151917	61917	0-179			
573-	151918	61918	0-172			
574-	151922	61922	0-774			
575-	151923	61923	0-689			
576-	151924	61924	0-610			
577-	151926	61926	0-305			
578-	151927	61927	0-285			
579-	151928	61928	0-259			
580-	151934	61934	0-164			
581-	151935	61935	0-160			
582-	151936	61936	0-157			
583-	152211	62211	0-463			
584-	152213	62213	0-480			

585-	CUMM2	152217	62217	0.476
586-	CUMM2	152219	62219	0.462
587-	CUMM2	152221	62221	1.537
588-	CUMM2	152224	62224	1.539
589-	CUMM2	152226	62226	1.135
590-	CUMM2	152229	62229	0.465
591-	CUMM2	152231	62231	0.393
592-	CUMM2	152233	62233	0.374
593-	CUMM2	152235	62235	0.460
594-	CUMM2	152237	62237	1.111
595-	CUMM2	152239	62239	1.904
596-	CUMM2	152241	62241	1.798
597-	CUMM2	152243	62243	0.612
598-	CUMM2	152245	62245	0.595
599-	CUMM2	152247	62247	1.969
600-	CUMM2	152249	62249	2.323
601-	CUMM2	152251	62251	3.041
602-	CUMM2	152253	62253	2.881
603-	CUMM2	152255	62255	1.144
604-	CUMM2	152257	62257	1.118
605-	CUMM2	152259	62259	2.314
606-	CUMM2	152261	62261	3.090
607-	CUMM2	152263	62263	3.275
608-	CUMM2	152265	62265	3.561
609-	CUMM2	152267	62267	1.265
610-	CUMM2	152269	62269	1.243
611-	CUMM2	152271	62271	1.182
612-	CUMM2	152273	62273	2.036
613-	CUMM2	152275	62275	1.737
614-	CUMM2	152277	62277	2.148
615-	CUMM2	152279	62279	2.796
616-	CUMM2	152281	62281	3.773
617-	CUMM2	152283	62283	3.693
618-	CUMM2	152285	62285	3.767
619-	CUMM2	152287	62287	1.209
620-	CUMM2	152289	62289	1.298
621-	CUMM2	152291	62291	0.517
622-	CUMM2	152293	62293	0.509
623-	CUMM2	152295	62295	0.251
624-	CUMM2	152297	62297	0.249
625-	CUMM2	152299	62299	0.245
626-	CUMM2	152301	62301	0.216
627-	CUMM2	152303	62303	0.208
628-	CUMM2	152305	62305	3.194
629-	CUMM2	152307	62307	0.860
630-	CUMM2	152309	62309	3.723
631-	CUMM2	152311	62311	3.623
632-	CUMM2	152313	62313	0.314
633-	CUMM2	152315	62315	0.294
634-	CUMM2	152317	62317	0.269
635-	CUMM2	152319	62319	0.171
636-	CUMM2	152321	62321	0.167
637-	CUMM2	152323	62323	0.164
638-	CUMM2	152325	62325	0.517
639-	CUMM2	152327	62327	0.530
640-	CUMM2	152329	62329	0.506
641-	CUMM2	152331	62331	0.488
642-	CUMM2	152333	62333	1.738
643-	CUMM2	152335	62335	1.574
644-	CUMM2	152337	62337	1.141
645-	CUMM2	152339	62339	0.874
646-	CUMM2	152341	62341	0.400
647-	CUMM2	152343	62343	0.381
648-	CUMM2	152345	62345	0.960
649-	CUMM2	152347	62347	1.111
650-	CUMM2	152349	62349	1.904

651-	CONM2	162829	72829	1.798
652-	CONM2	162831	72831	3.612
653-	CONM2	162839	72839	0.595
654-	CONM2	163611	73611	1.969
655-	CONM2	163619	73619	2.323
656-	CONM2	163621	73621	3.041
657-	CONM2	163629	73629	2.881
658-	CONM2	163631	73631	1.144
659-	CONM2	163639	73639	1.118
660-	CONM2	164211	74211	2.314
661-	CONM2	164219	74219	3.090
662-	CONM2	164221	74221	3.275
663-	CONM2	164229	74229	3.561
664-	CONM2	164231	74231	1.265
665-	CONM2	164239	74239	1.243
666-	CONM2	165011	75011	1.382
667-	CONM2	165019	75019	2.036
668-	CONM2	165021	75021	1.737
669-	CONM2	165029	75029	2.148
670-	CONM2	165031	75031	0.796
671-	CONM2	165039	75039	0.790
672-	CONM2	165911	75911	0.693
673-	CONM2	165919	75919	0.967
674-	CONM2	165921	75921	1.009
675-	CONM2	165929	75929	1.298
676-	CONM2	165931	75931	3.517
677-	CONM2	165939	75939	3.509
678-	CONM2	290070	200070	34.465
679-	CONM2	290078	200078	22.740
680-	CONM2	290079	200079	51.048
681-	CONM2	290086	200086	60.052
682-	CONM2	290087	200087	60.052
683-	CONM2	290095	200095	64.933
684-	CONM2	290096	200096	64.933
685-	CONM2	290101	200101	57.277
686-	CONM2	290106	200106	47.013
687-	CONM2	290114	200114	66.626
688-	CONM2	290121	200121	54.350
689-	CONM2	290129	200129	13.810
690-	CONM2	290137	200137	9.253
691-	CONM2	290145	200145	12.065
692-	CONM2	290153	200153	5.852
693-	CONM2	290155	200155	6.126
694-	CONM2	301061	211001	4.953
695-	CONM2	301002	211002	4.953
696-	CONM2	304901	214901	13.024
697-	CONM2	304902	214902	13.024
698-	CONM2	305101	215101	3.676
699-	CONM2	305102	215102	3.158
700-	CONM2	305201	215201	0.952
701-	CONM2	305202	215202	0.961
702-	CONM2	312001	222001	6.744
703-	CONM2	312002	222002	6.744
704-	CONM2	312201	222201	6.554
705-	CONM2	312202	222202	6.554
706-	CONM2	312301	222301	1.619
707-	CONM2	312302	222302	1.635
708-	CONM2	313401	223401	5.162
709-	CONM2	313402	223402	5.162
710-	CONM2	390153	200153	458.000
711-	CONM2	490153	200153	489.500
712-	CONM2	610018	520018	5.662
713-	CONM2	610024	520024	5.537
714-	CONM2	610057	520057	4.420
715-	CONM2	610065	520065	0.0
716-	CONM2	610068	520068	0.819

MR BLADE  
MR HUB



783-	COMAR00	614767	6167	6167	2024	.030
784-	COMAR00	614969	6169	6169	2024	.064
785-	COMAR00	616171	6161	6171	2024	.282
786-	COMAR00	616371	6163	6171	2024	.012
787-	COMAR00	616979	6169	6179	2024	.282
788-	COMAR00	617179	6171	6179	2024	.012
789-	COMAR00	617967	6167	6179	2024	.095
790-	COMAR00	930313	9303	9307	2024	.051
791-	COMAR00	930313	9303	9313	2024	.051
792-	COMAR00	930717	9307	9317	2024	.151
793-	COMAR00	931317	9313	9317	2024	.209
794-	COMAR00	931333	9313	9333	2024	.080
795-	COMAR00	931739	9317	9339	2024	.080
796-	COMAR00	932113	9313	9331	2024	.397
797-	COMAR00	933133	9331	9333	2024	.333
798-	COMAR00	933141	9331	9341	2024	.167
799-	COMAR00	933337	9333	9337	2024	.333
800-	COMAR00	933343	9333	9343	2024	.209
801-	COMAR00	933717	9317	9337	2024	.281
802-	COMAR00	933739	9337	9339	2024	.510
803-	COMAR00	933741	9337	9347	2024	.314
804-	COMAR00	933949	9339	9349	2024	.242
805-	COMAR00	934143	9341	9343	2024	.333
806-	COMAR00	934161	9341	9341	2024	.314
807-	COMAR00	934347	9343	9347	2024	.242
808-	COMAR00	934363	9343	9343	2024	.357
809-	COMAR00	934749	9347	9349	2024	.314
810-	COMAR00	934767	9347	9347	2024	.191
811-	COMAR00	934969	9349	9349	2024	.194
812-	COMAR00	934163	9341	9343	2024	.092
813-	COMAR00	934163	9341	9343	2024	.100
814-	COMAR00	934171	9341	9371	2024	.194
815-	COMAR00	934373	9343	9373	2024	.100
816-	COMAR00	934749	9347	9349	2024	.100
817-	COMAR00	934777	9347	9377	2024	.092
818-	COMAR00	934979	9349	9379	2024	.188
819-	COMAR00	937173	9371	9373	2024	.202
820-	COMAR00	937377	9373	9377	2024	.1261
821-	COMAR00	937779	9377	9379	2024	.1261
822-	COMAR00	1060011	12647	125387	2024	.1261
823-	COMAR00	1060012	12643	125383	2024	.1261
824-	COMAR00	1070011	125047	125387	2024	.455
825-	COMAR00	1070012	125043	125383	2024	.521
826-	COMAR00	1150231	13807	14807	2024	.069
827-	COMAR00	1160311	13803	14803	2024	.068
828-	COMAR00	1170191	26849	29949	2024	.053
829-	COMAR00	1170211	26829	29929	2024	.053
830-	COMAR00	1170231	29929	29949	2024	.094
831-	COMAR00	1170232	29949	29969	2024	.152
832-	COMAR00	1170501	25029	26829	2024	.047
833-	COMAR00	1170502	25049	26849	2024	.043
834-	COMAR00	1170503	25049	26849	2024	.146
835-	COMAR00	1170504	25069	26869	2024	.146
836-	COMAR00	1170511	26829	26849	2024	.081
837-	COMAR00	1170512	26849	26869	2024	.146
838-	COMAR00	1170513	25029	25049	2024	.146
839-	COMAR00	1170514	25049	25069	2024	.043
840-	COMAR00	1170515	26829	26849	2024	.146
841-	COMAR00	1170516	26849	26869	2024	.081
842-	COMAR00	1170521	26829	29929	2024	.146
843-	COMAR00	1170522	26849	29949	2024	.146
844-	COMAR00	1170523	26849	29969	2024	.042
845-	COMAR00	1170524	26849	29969	2024	.250
846-	COMAR00	1170531	26829	26849	2024	.250
847-	COMAR00	1170532	26849	26869	2024	.250
848-	COMAR00	1170533	29929	29949	2024	.250



849-	CONRAD	1170534	29949	7375	-250
850-	CONRAD	1171101	26849	7375	-066
851-	CONRAD	1171102	26849	7375	-158
852-	CONRAD	1171103	26849	7375	-158
853-	CONRAD	1171104	26849	7375	-020
854-	CONRAD	1171105	26849	7375	-158
855-	CONRAD	1171106	26849	7375	-158
856-	CONRAD	1171107	26849	7375	-158
857-	CONRAD	1171108	26849	7375	-158
858-	CONRAD	1171109	26849	7375	-158
859-	CONRAD	1171110	26849	7375	-158
860-	CONRAD	1171111	26849	7375	-158
861-	CONRAD	1171112	26849	7375	-158
862-	CONRAD	1171113	26849	7375	-158
863-	CONRAD	1171114	26849	7375	-158
864-	CONRAD	1171115	26849	7375	-158
865-	CONRAD	1171116	26849	7375	-158
866-	CONRAD	1171117	26849	7375	-158
867-	CONRAD	1171118	26849	7375	-158
868-	CONRAD	1171119	26849	7375	-158
869-	CONRAD	1171120	26849	7375	-158
870-	CONRAD	1171121	26849	7375	-158
871-	CONRAD	1171122	26849	7375	-158
872-	CONRAD	1171123	26849	7375	-158
873-	CONRAD	1171124	26849	7375	-158
874-	CONRAD	1171125	26849	7375	-158
875-	CONRAD	1171126	26849	7375	-158
876-	CONRAD	1171127	26849	7375	-158
877-	CONRAD	1171128	26849	7375	-158
878-	CONRAD	1171129	26849	7375	-158
879-	CONRAD	1171130	26849	7375	-158
880-	CONRAD	1171131	26849	7375	-158
881-	CONRAD	1171132	26849	7375	-158
882-	CONRAD	1171133	26849	7375	-158
883-	CONRAD	1171134	26849	7375	-158
884-	CONRAD	1171135	26849	7375	-158
885-	CONRAD	1171136	26849	7375	-158
886-	CONRAD	1171137	26849	7375	-158
887-	CONRAD	1171138	26849	7375	-158
888-	CONRAD	1171139	26849	7375	-158
889-	CONRAD	1171140	26849	7375	-158
890-	CONRAD	1171141	26849	7375	-158
891-	CONRAD	1171142	26849	7375	-158
892-	CONRAD	1171143	26849	7375	-158
893-	CONRAD	1171144	26849	7375	-158
894-	CONRAD	1171145	26849	7375	-158
895-	CONRAD	1171146	26849	7375	-158
896-	CONRAD	1171147	26849	7375	-158
897-	CONRAD	1171148	26849	7375	-158
898-	CONRAD	1171149	26849	7375	-158
899-	CONRAD	1171150	26849	7375	-158
900-	CONRAD	1171151	26849	7375	-158
901-	CONRAD	1171152	26849	7375	-158
902-	CONRAD	1171153	26849	7375	-158
903-	CONRAD	1171154	26849	7375	-158
904-	CONRAD	1171155	26849	7375	-158
905-	CONRAD	1171156	26849	7375	-158
906-	CONRAD	1171157	26849	7375	-158
907-	CONRAD	1171158	26849	7375	-158
908-	CONRAD	1171159	26849	7375	-158
909-	CONRAD	1171160	26849	7375	-158
910-	CONRAD	1171161	26849	7375	-158
911-	CONRAD	1171162	26849	7375	-158
912-	CONRAD	1171163	26849	7375	-158
913-	CONRAD	1171164	26849	7375	-158
914-	CONRAD	1171165	26849	7375	-158

915-	COMROO	1190502	21349	25049	9046	-162
916-	COMROO	1190503	21349	25049	9046	-162
917-	COMROO	1190504	21349	25049	9046	-027
918-	COMROO	1190511	22729	21349	9046	-234
919-	COMROO	1190512	21349	21349	9046	-288
920-	COMROO	1190513	25079	25049	9046	-234
921-	COMROO	1190514	25049	25049	9046	-288
922-	COMROO	1190901	22729	25029	76	-131
923-	COMROO	1190902	21349	25049	76	-203
924-	COMROO	1190903	21349	25049	76	-203
925-	COMROO	1190904	21349	25049	76	-034
926-	COMROO	1190911	22729	21349	76	-292
927-	COMROO	1190912	21349	21349	76	-361
928-	COMROO	1190913	25029	25049	76	-292
929-	COMROO	1190914	25079	25049	76	-341
930-	COMROO	1200091	25021	25041	7075	-163
931-	COMROO	1200092	25041	25041	7075	-163
932-	COMROO	1200133	21321	21821	7075	-279
933-	COMROO	1200134	21821	22721	7075	-294
934-	COMROO	1200135	22721	25021	7075	-351
935-	COMROO	1200136	21321	21341	7075	-178
936-	COMROO	1200137	21341	21361	7075	-178
937-	COMROO	1200151	21341	25041	7075	-238
938-	COMROO	1200701	22721	25021	76	-131
939-	COMROO	1200702	21341	25041	76	-203
940-	COMROO	1200703	21341	25041	76	-203
941-	COMROO	1200704	21341	25041	76	-034
942-	COMROO	1200711	22721	21341	76	-292
943-	COMROO	1200712	21341	21361	76	-361
944-	COMROO	1200713	25021	25041	76	-292
945-	COMROO	1200714	25041	25041	76	-361
946-	COMROO	1201101	22721	25021	9046	-105
947-	COMROO	1201102	21341	25041	9046	-162
948-	COMROO	1201103	21341	25041	9046	-162
949-	COMROO	1201104	21361	25061	9046	-027
950-	COMROO	1201111	22721	21341	9046	-234
951-	COMROO	1201112	21341	21361	9046	-288
952-	COMROO	1201113	25021	25041	9046	-234
953-	COMROO	1201114	25041	25041	9046	-288
954-	COMROO	1202101	25003	26801	2024	-208
955-	COMROO	1202102	25027	26809	2024	-208
956-	COMROO	1202103	25003	25007	2024	-292
957-	COMROO	1202104	26801	26809	2024	-292
958-	COMROO	1210092	21347	21367	7075	-767
959-	COMROO	1210102	21343	21363	7075	-673
960-	COMROO	1210311	18669	19769	7075	-241
961-	COMROO	1210312	19769	21369	7075	-241
962-	COMROO	1210321	18661	19761	7075	-241
963-	COMROO	1210322	19761	21361	7075	-241
964-	COMROO	1210471	21345	21366	7075	-137
965-	COMROO	1210472	21346	21387	7075	-137
966-	COMROO	1210591	21345	21364	7075	-137
967-	COMROO	1210592	21346	21383	7075	-137
968-	COMROO	1250131	14889	16489	2024	-084
969-	COMROO	1250132	16489	18689	2024	-084
970-	COMROO	1250151	18669	18689	2024	-070
971-	COMROO	1250171	14869	14889	2024	-070
972-	COMROO	1250571	14881	16481	2024	-115
973-	COMROO	1250572	16481	18681	2024	-115
974-	COMROO	1250771	14889	16489	2024	-115
975-	COMROO	1250772	16489	18689	2024	-115
976-	COMROO	1250971	14869	18689	2024	-084
977-	COMROO	1251491	14861	18661	2024	-140
978-	COMROO	1251511	14861	14881	2024	-121
979-	COMROO	1251551	18661	18681	2024	-121
980-	COMROO	1251571	14881	16481	2024	-112

981-	COM000	1251572	16681	18681	2324	.111
982-	COM000	1252301	16669	18669	2324	.035
983-	COM000	1252302	16689	18689	2324	.035
984-	COM000	1252303	16689	18689	2324	.120
985-	COM000	1252304	16669	18689	2324	.120
986-	COM000	1252701	16681	18661	2324	.035
987-	COM000	1252702	16681	18681	2324	.035
988-	COM000	1252703	16681	16681	2324	.120
989-	COM000	1252704	16681	16681	2324	.120
990-	COM000	1259101	16669	18669	2324	.098
991-	COM000	1259102	16689	18689	2324	.098
992-	COM000	1259103	16689	18689	2324	.240
993-	COM000	1259104	16669	18689	2324	.240
994-	COM000	1290101	6137	7037	7075	.026
995-	COM000	1290102	6147	7047	7075	.071
996-	COM000	1290103	6147	7047	7075	.071
997-	COM000	1290104	6147	7047	7075	.071
998-	COM000	1290111	6137	6147	7075	.002
999-	COM000	1290112	6147	6147	7075	.065
1000-	COM000	1290113	7037	6167	7075	.065
1001-	COM000	1290114	7047	7047	7075	.065
1002-	COM000	1290121	7037	8537	7075	.028
1003-	COM000	1290122	7047	8547	7075	.074
1004-	COM000	1290123	7047	8547	7075	.074
1005-	COM000	1290124	7047	8567	7075	.003
1006-	COM000	1290131	7037	7047	7075	.116
1007-	COM000	1290132	7047	7047	7075	.116
1008-	COM000	1290133	8537	8547	7075	.116
1009-	COM000	1290134	8547	8567	7075	.116
1010-	COM000	1290141	8537	9337	7075	.029
1011-	COM000	1290142	8547	9347	7075	.077
1012-	COM000	1290143	8547	9347	7075	.077
1013-	COM000	1290144	8567	9367	7075	.003
1014-	COM000	1290151	4531	8547	7075	.062
1015-	COM000	1290152	8547	8567	7075	.062
1016-	COM000	1290153	9337	9347	7075	.062
1017-	COM000	1290154	9347	9367	7075	.062
1018-	COM000	1290211	6133	6143	7075	.035
1019-	COM000	1290212	6143	6163	7075	.035
1020-	COM000	1290231	6163	7063	7075	.048
1021-	COM000	1290232	7063	8563	7075	.047
1022-	COM000	1290233	8563	9363	7075	.046
1023-	COM000	1290234	9363	11563	7075	.024
1024-	COM000	1290235	11563	13863	7075	.024
1025-	COM000	1290251	6133	7033	7075	.072
1026-	COM000	1290252	7033	8533	7075	.072
1027-	COM000	1290253	8533	9333	7075	.077
1028-	COM000	1290254	9333	11533	7075	.046
1029-	COM000	1290271	9333	9343	7075	.098
1030-	COM000	1290272	9343	9363	7075	.098
1031-	COM000	1290273	9333	9343	7075	.043
1032-	COM000	1290274	9343	9363	7075	.043
1033-	COM000	1290331	9343	11543	7075	.090
1034-	COM000	1290501	6137	7037	7075	.072
1035-	COM000	1290502	6147	7047	7075	.122
1036-	COM000	1290503	6147	7047	7075	.122
1037-	COM000	1290504	6147	7067	7075	.033
1038-	COM000	1290511	6137	6147	7075	.118
1039-	COM000	1290512	6147	6167	7075	.118
1040-	COM000	1290513	7037	7047	7075	.118
1041-	COM000	1290514	7047	7067	7075	.118
1042-	COM000	1290521	7037	8537	7075	.075
1043-	COM000	1290522	7047	8547	7075	.126
1044-	COM000	1290523	7047	8567	7075	.126
1045-	COM000	1290524	7067	8567	7075	.034
1046-	COM000	1290531	7037	7047	7075	.181

1047-	COMR00	1290332	7047	7047	7075	-181
1048-	COMR00	1290333	8547	8547	7075	-181
1049-	COMR00	1290334	8547	8547	7075	-181
1050-	COMR00	1290341	9337	9337	7075	-078
1051-	COMR00	1290342	9347	9347	7075	-130
1052-	COMR00	1290343	9347	9347	7075	-130
1053-	COMR00	1290344	9367	9367	7075	-035
1054-	COMR00	1290351	8547	8547	7075	-123
1055-	COMR00	1290352	8547	8547	7075	-123
1056-	COMR00	1290353	9347	9347	7075	-123
1057-	COMR00	1290354	9347	9347	7075	-123
1058-	COMR00	1290361	9347	9347	7075	-078
1059-	COMR00	1290362	9347	9347	7075	-134
1060-	COMR00	1290363	9347	9347	7075	-134
1061-	COMR00	1290371	9347	9347	7075	-041
1062-	COMR00	1290372	9347	9347	7075	-256
1063-	COMR00	1290373	11547	11547	7075	-256
1064-	COMR00	1290374	11547	11547	7075	-256
1065-	COMR00	1290381	11547	11547	7075	-076
1066-	COMR00	1290382	11547	11547	7075	-139
1067-	COMR00	1290383	11547	11547	7075	-139
1068-	COMR00	1290384	11547	11547	7075	-052
1069-	COMR00	1290391	11547	11547	7075	-249
1070-	COMR00	1290392	11547	11547	7075	-249
1071-	COMR00	1290393	13847	13847	7075	-249
1072-	COMR00	1290394	13847	13847	7075	-249
1073-	COMR00	1290401	13847	13847	7075	-058
1074-	COMR00	1290402	13847	13847	7075	-058
1075-	COMR00	1290403	13847	13847	7075	-097
1076-	COMR00	1290404	13847	13847	7075	-104
1077-	COMR00	1290405	13847	13847	7075	-104
1078-	COMR00	1290406	13847	13847	7075	-104
1079-	COMR00	1290407	13847	13847	7075	-090
1080-	COMR00	1290408	13847	13847	7075	-081
1081-	COMR00	1290409	13847	13847	7075	-034
1082-	COMR00	1290410	13847	13847	7075	-044
1083-	COMR00	1290411	13847	13847	7075	-044
1084-	COMR00	1290412	13847	13847	7075	-033
1085-	COMR00	1290413	13847	13847	7075	-033
1086-	COMR00	1290414	13847	13847	7075	-039
1087-	COMR00	1290415	13847	13847	7075	-035
1088-	COMR00	1290416	13847	13847	7075	-035
1089-	COMR00	1290417	13847	13847	7075	-122
1090-	COMR00	1290418	13847	13847	7075	-122
1091-	COMR00	1290419	13847	13847	7075	-056
1092-	COMR00	1290420	13847	13847	7075	-056
1093-	COMR00	1290421	13847	13847	7075	-073
1094-	COMR00	1290422	13847	13847	7075	-122
1095-	COMR00	1290423	13847	13847	7075	-122
1096-	COMR00	1290424	13847	13847	7075	-033
1097-	COMR00	1290425	13847	13847	7075	-118
1098-	COMR00	1290426	13847	13847	7075	-118
1099-	COMR00	1290427	13847	13847	7075	-118
1100-	COMR00	1290428	13847	13847	7075	-118
1101-	COMR00	1290429	13847	13847	7075	-076
1102-	COMR00	1290430	13847	13847	7075	-126
1103-	COMR00	1290431	13847	13847	7075	-126
1104-	COMR00	1290432	13847	13847	7075	-034
1105-	COMR00	1290433	13847	13847	7075	-181
1106-	COMR00	1290434	13847	13847	7075	-181
1107-	COMR00	1290435	13847	13847	7075	-181
1108-	COMR00	1290436	13847	13847	7075	-181
1109-	COMR00	1290437	13847	13847	7075	-078
1110-	COMR00	1290438	13847	13847	7075	-130
1111-	COMR00	1290439	13847	13847	7075	-130
1112-	COMR00	1290440	13847	13847	7075	-035

1113-	UNR00	1290951	4543	0.63	7075	-123
1114-	UNR00	1290952	4543	0.63	7075	-123
1115-	UNR00	1290953	4543	0.63	7075	-123
1116-	UNR00	1290954	4543	0.63	7075	-123
1117-	UNR00	1290955	4543	0.63	7075	-123
1118-	UNR00	1290956	4543	0.63	7075	-123
1119-	UNR00	1290957	4543	0.63	7075	-123
1120-	UNR00	1290958	4543	0.63	7075	-123
1121-	UNR00	1290959	4543	0.63	7075	-123
1122-	UNR00	1290960	4543	0.63	7075	-123
1123-	UNR00	1290961	4543	0.63	7075	-123
1124-	UNR00	1290962	4543	0.63	7075	-123
1125-	UNR00	1290963	4543	0.63	7075	-123
1126-	UNR00	1290964	4543	0.63	7075	-123
1127-	UNR00	1290965	4543	0.63	7075	-123
1128-	UNR00	1290966	4543	0.63	7075	-123
1129-	UNR00	1290967	4543	0.63	7075	-123
1130-	UNR00	1290968	4543	0.63	7075	-123
1131-	UNR00	1290969	4543	0.63	7075	-123
1132-	UNR00	1290970	4543	0.63	7075	-123
1133-	UNR00	1290971	4543	0.63	7075	-123
1134-	UNR00	1290972	4543	0.63	7075	-123
1135-	UNR00	1290973	4543	0.63	7075	-123
1136-	UNR00	1290974	4543	0.63	7075	-123
1137-	UNR00	1290975	4543	0.63	7075	-123
1138-	UNR00	1290976	4543	0.63	7075	-123
1139-	UNR00	1290977	4543	0.63	7075	-123
1140-	UNR00	1290978	4543	0.63	7075	-123
1141-	UNR00	1290979	4543	0.63	7075	-123
1142-	UNR00	1290980	4543	0.63	7075	-123
1143-	UNR00	1290981	4543	0.63	7075	-123
1144-	UNR00	1290982	4543	0.63	7075	-123
1145-	UNR00	1290983	4543	0.63	7075	-123
1146-	UNR00	1290984	4543	0.63	7075	-123
1147-	UNR00	1290985	4543	0.63	7075	-123
1148-	UNR00	1290986	4543	0.63	7075	-123
1149-	UNR00	1290987	4543	0.63	7075	-123
1150-	UNR00	1290988	4543	0.63	7075	-123
1151-	UNR00	1290989	4543	0.63	7075	-123
1152-	UNR00	1290990	4543	0.63	7075	-123
1153-	UNR00	1290991	4543	0.63	7075	-123
1154-	UNR00	1290992	4543	0.63	7075	-123
1155-	UNR00	1290993	4543	0.63	7075	-123
1156-	UNR00	1290994	4543	0.63	7075	-123
1157-	UNR00	1290995	4543	0.63	7075	-123
1158-	UNR00	1290996	4543	0.63	7075	-123
1159-	UNR00	1290997	4543	0.63	7075	-123
1160-	UNR00	1290998	4543	0.63	7075	-123
1161-	UNR00	1290999	4543	0.63	7075	-123
1162-	UNR00	1291000	4543	0.63	7075	-123
1163-	UNR00	1291001	4543	0.63	7075	-123
1164-	UNR00	1291002	4543	0.63	7075	-123
1165-	UNR00	1291003	4543	0.63	7075	-123
1166-	UNR00	1291004	4543	0.63	7075	-123
1167-	UNR00	1291005	4543	0.63	7075	-123
1168-	UNR00	1291006	4543	0.63	7075	-123
1169-	UNR00	1291007	4543	0.63	7075	-123
1170-	UNR00	1291008	4543	0.63	7075	-123
1171-	UNR00	1291009	4543	0.63	7075	-123
1172-	UNR00	1291010	4543	0.63	7075	-123
1173-	UNR00	1291011	4543	0.63	7075	-123
1174-	UNR00	1291012	4543	0.63	7075	-123
1175-	UNR00	1291013	4543	0.63	7075	-123
1176-	UNR00	1291014	4543	0.63	7075	-123
1177-	UNR00	1291015	4543	0.63	7075	-123
1178-	UNR00	1291016	4543	0.63	7075	-123

1179-	CONF00	1292503	13827	14827	7075	-122
1180-	CONF00	1292504	13837	14837	7075	-033
1181-	CONF00	1292511	13807	13827	7075	-096
1182-	CONF00	1292512	13827	13837	7075	-096
1183-	CONF00	1292513	14807	14827	7075	-096
1184-	CONF00	1292514	14827	14837	7075	-096
1185-	CONF00	1292701	13803	14803	7075	-047
1186-	CONF00	1292702	13823	14823	7075	-122
1187-	CONF00	1292703	13823	14823	7075	-122
1188-	CONF00	1292704	13833	14833	7075	-034
1189-	CONF00	1292711	13003	13823	7075	-096
1190-	CONF00	1292712	13823	13833	7075	-096
1191-	CONF00	1292713	14803	14823	7075	-096
1192-	CONF00	1292714	14823	14833	7075	-096
1193-	CONF00	1293701	9347	11547	7075	-012
1194-	CONF00	1293702	9367	11567	7075	-012
1195-	CONF00	1293703	9367	9367	7075	-159
1196-	CONF00	1293704	11547	11567	7075	-159
1197-	CONF00	1293711	11547	13847	7075	-011
1198-	CONF00	1293712	11567	13867	7075	-011
1199-	CONF00	1293713	11547	11547	7075	-154
1200-	CONF00	1293714	13847	13867	7075	-154
1201-	CONF00	1294101	13807	14807	7075	-057
1202-	CONF00	1294102	13827	14827	7075	-158
1203-	CONF00	1294103	13827	14827	7075	-158
1204-	CONF00	1294104	13837	14837	7075	-088
1205-	CONF00	1294105	13837	14837	7075	-076
1206-	CONF00	1294106	13847	14847	7075	-143
1207-	CONF00	1294107	13848	13847	7075	-143
1208-	CONF00	1294108	13867	14867	7075	-061
1209-	CONF00	1294111	13807	13827	7075	-120
1210-	CONF00	1294112	13827	13837	7075	-120
1211-	CONF00	1294113	13837	13847	7075	-121
1212-	CONF00	1294114	13948	13867	7075	-122
1213-	CONF00	1294115	14807	14827	7075	-120
1214-	CONF00	1294116	14827	14837	7075	-120
1215-	CONF00	1294117	14837	14847	7075	-121
1216-	CONF00	1294118	13847	14867	7075	-122
1217-	CONF00	1294121	7033	8533	7075	-011
1218-	CONF00	1294122	7043	8543	7075	-057
1219-	CONF00	1294123	7043	8543	7075	-057
1220-	CONF00	1294124	7063	8543	7075	-001
1221-	CONF00	1294131	7033	7043	7075	-116
1222-	CONF00	1294132	7043	7063	7075	-116
1223-	CONF00	1294133	8533	8543	7075	-116
1224-	CONF00	1294134	8543	8563	7075	-116
1225-	CONF00	1294901	9333	11533	7075	-030
1226-	CONF00	1294902	9343	11543	7075	-080
1227-	CONF00	1294903	9343	11543	7075	-080
1228-	CONF00	1294904	9363	11563	7075	-007
1229-	CONF00	1294911	9333	9363	7075	-155
1230-	CONF00	1294912	9343	9363	7075	-155
1231-	CONF00	1294913	11533	11543	7075	-155
1232-	CONF00	1294914	11543	11563	7075	-155
1233-	CONF00	1294921	11533	13833	7075	-028
1234-	CONF00	1294922	11543	13843	7075	-084
1235-	CONF00	1294923	11543	13843	7075	-084
1236-	CONF00	1294924	11543	13863	7075	-014
1237-	CONF00	1294931	11533	11543	7075	-176
1238-	CONF00	1294932	11543	11563	7075	-176
1239-	CONF00	1294933	13833	13843	7075	-176
1240-	CONF00	1294934	13843	13863	7075	-176
1241-	CONF00	1295701	13837	14837	7075	-014
1242-	CONF00	1295702	13847	14847	7075	-014
1243-	CONF00	1295703	13837	13847	7075	-056
1244-	CONF00	1295704	14837	14847	7075	-056

1245-	COM000	1295901	7033	8533	7075	-024
1246-	COM000	1295902	7043	8543	7075	-071
1247-	COM000	1295903	7053	8553	7075	-001
1248-	COM000	1295904	7063	8563	7075	-116
1249-	COM000	1295911	7033	7043	7075	-116
1250-	COM000	1295912	7043	7053	7075	-116
1251-	COM000	1295913	7053	7063	7075	-116
1252-	COM000	1295914	7063	7073	7075	-116
1253-	COM000	1295921	13848	13867	7075	-053
1254-	COM000	1295922	13867	13887	7075	-053
1255-	COM000	1295923	13887	13907	7075	-094
1256-	COM000	1295924	13907	14007	7075	-094
1257-	COM000	1296901	13807	14007	7075	-169
1258-	COM000	1296902	13827	14027	7075	-169
1259-	COM000	1296903	13847	14047	7075	-201
1260-	COM000	1296904	13867	14067	7075	-201
1261-	COM000	1296905	13887	14087	7075	-151
1262-	COM000	1296906	13907	14107	7075	-151
1263-	COM000	1296911	13807	13827	7075	-191
1264-	COM000	1296912	13827	13847	7075	-191
1265-	COM000	1296913	13847	13867	7075	-194
1266-	COM000	1296914	13867	13887	7075	-191
1267-	COM000	1296915	13887	13907	7075	-191
1268-	COM000	1296916	13907	13927	7075	-194
1269-	COM000	1297501	6137	7037	7075	-023
1270-	COM000	1297502	6147	7047	7075	-069
1271-	COM000	1297503	6157	7057	7075	-069
1272-	COM000	1297504	6167	7067	7075	-001
1273-	COM000	1297511	6137	6147	7075	-041
1274-	COM000	1297512	6147	6157	7075	-061
1275-	COM000	1297513	6157	6167	7075	-061
1276-	COM000	1297514	6167	6177	7075	-061
1277-	COM000	1297521	7047	8547	7075	-011
1278-	COM000	1297522	7057	8557	7075	-011
1279-	COM000	1297523	7067	8567	7075	-102
1280-	COM000	1297524	8547	8567	7075	-102
1281-	COM000	1297701	7047	8547	7075	-008
1282-	COM000	1297702	7057	8557	7075	-008
1283-	COM000	1297703	7067	8567	7075	-058
1284-	COM000	1297704	8547	8567	7075	-058
1285-	COM000	1298301	6133	7033	7075	-020
1286-	COM000	1298302	6143	7043	7075	-071
1287-	COM000	1298303	6153	7053	7075	-071
1288-	COM000	1298304	6163	7063	7075	-003
1289-	COM000	1298311	6133	6143	7075	-003
1290-	COM000	1298312	6143	6153	7075	-065
1291-	COM000	1298313	6153	6163	7075	-065
1292-	COM000	1298314	7043	7053	7075	-065
1293-	COM000	1298321	7033	8533	7075	-028
1294-	COM000	1298322	7043	8543	7075	-074
1295-	COM000	1298323	7053	8553	7075	-074
1296-	COM000	1298324	7063	8563	7075	-003
1297-	COM000	1298331	7033	7043	7075	-116
1298-	COM000	1298332	7043	7053	7075	-116
1299-	COM000	1298333	7053	7063	7075	-116
1300-	COM000	1298334	7063	7073	7075	-116
1301-	COM000	1298341	8533	8543	7075	-033
1302-	COM000	1298342	8543	8553	7075	-033
1303-	COM000	1298343	8553	8563	7075	-079
1304-	COM000	1298344	8563	8573	7075	-079
1305-	COM000	1298351	8533	8543	7075	-007
1306-	COM000	1298352	8543	8553	7075	-062
1307-	COM000	1298353	8553	8563	7075	-062
1308-	COM000	1298354	8563	8573	7075	-062
1309-	COM000	1298501	9337	11537	7075	-028
1310-	COM000	1298502	9347	11547	7075	-028

1311-	COMO	1295504	9337	9367	7075	-159
1312-	COMO	1295504	11337	11547	7075	-159
1313-	COMO	1295511	11337	11547	7075	-331
1314-	COMO	1295512	11537	11547	7075	-331
1315-	COMO	1295513	11537	11547	7075	-154
1316-	COMO	1295514	13837	13847	7075	-154
1317-	COMO	1295901	13803	14803	7075	-167
1318-	COMO	1295902	13823	14823	7075	-167
1319-	COMO	1295903	13823	14823	7075	-201
1320-	COMO	1295904	13833	14833	7075	-201
1321-	COMO	1295905	13833	14833	7075	-142
1322-	COMO	1295906	13843	14843	7075	-142
1323-	COMO	1295911	13803	13823	7075	-191
1324-	COMO	1295912	13823	13833	7075	-191
1325-	COMO	1295913	13833	13843	7075	-191
1326-	COMO	1295914	14803	14823	7075	-191
1327-	COMO	1295915	14823	14833	7075	-191
1328-	COMO	1295916	14833	14843	7075	-191
1329-	COMO	1300211	18621	18631	7075	-108
1330-	COMO	1300212	18631	18641	7075	-108
1331-	COMO	1300213	18641	18651	7075	-108
1332-	COMO	1300214	18651	18656	7075	-108
1333-	COMO	1300215	18656	18661	7075	-108
1334-	COMO	1300231	14863	14868	7075	-062
1335-	COMO	1300271	15623	15628	7075	-097
1336-	COMO	1300352	14823	14828	7075	-095
1337-	COMO	1300353	14823	14828	7075	-109
1338-	COMO	1300411	14833	14838	7075	-109
1339-	COMO	1300412	14843	14848	7075	-109
1340-	COMO	1302901	14823	14828	7075	-050
1341-	COMO	1302902	14833	14838	7075	-050
1342-	COMO	1302903	14823	14828	7075	-044
1343-	COMO	1302904	14823	14828	7075	-044
1344-	COMO	1303301	14833	14838	7075	-037
1345-	COMO	1303302	14833	14838	7075	-037
1346-	COMO	1303303	14823	14828	7075	-045
1347-	COMO	1303304	14823	14828	7075	-045
1348-	COMO	1303311	15623	15628	7075	-057
1349-	COMO	1303312	15633	15638	7075	-057
1350-	COMO	1303313	15633	15638	7075	-058
1351-	COMO	1303314	14843	14848	7075	-058
1352-	COMO	1303315	14843	14848	7075	-058
1353-	COMO	1303316	14853	14858	7075	-050
1354-	COMO	1303321	15623	15628	7075	-169
1355-	COMO	1303322	15633	15638	7075	-192
1356-	COMO	1303323	14843	14848	7075	-214
1357-	COMO	1303324	14821	14831	7075	-169
1358-	COMO	1303325	14831	14841	7075	-192
1359-	COMO	1303326	14851	14856	7075	-214
1360-	COMO	1303501	14823	14828	7075	-089
1361-	COMO	1303502	14833	14838	7075	-089
1362-	COMO	1303503	14823	14828	7075	-090
1363-	COMO	1303504	14823	14828	7075	-090
1364-	COMO	1303901	14823	14828	7075	-096
1365-	COMO	1303902	14833	14838	7075	-096
1366-	COMO	1303903	14823	14828	7075	-074
1367-	COMO	1303904	14823	14828	7075	-074
1368-	COMO	1303911	14823	14828	7075	-094
1369-	COMO	1303912	14833	14838	7075	-094
1370-	COMO	1303913	14843	14848	7075	-096
1371-	COMO	1303914	14843	14848	7075	-096
1372-	COMO	1303915	14843	14848	7075	-083
1373-	COMO	1303916	14843	14848	7075	-083
1374-	COMO	1303921	15623	15628	7075	-282
1375-	COMO	1303922	15633	15638	7075	-320
1376-	COMO	1303923	14843	14848	7075	-357



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1443-	COMROO	1373511	18654	18659	7075	-213
1444-	COMROO	1373512	18659	18669	7075	-213
1445-	COMROO	1373513	19749	19759	7075	-213
1446-	COMROO	1373514	19759	19769	7075	-213
1447-	COMROO	1373515	18651	19741	7075	-139
1448-	COMROO	1373602	18656	19751	7075	-117
1449-	COMROO	1373603	18656	19751	7075	-117
1450-	COMROO	1373604	18661	19761	7075	-001
1451-	COMROO	1373611	18651	18656	7075	-213
1452-	COMROO	1373612	18656	18661	7075	-213
1453-	COMROO	1373613	19741	19751	7075	-213
1454-	COMROO	1373614	19751	19761	7075	-213
1455-	COMROO	1380103	13801	13803	2024	-078
1456-	COMROO	1380191	18629	18639	7075	-070
1457-	COMROO	1380192	18639	18649	7075	-070
1458-	COMROO	1380193	18649	18654	7075	-070
1459-	COMROO	1380194	18654	18659	7075	-070
1460-	COMROO	1380195	18659	18664	7075	-070
1461-	COMROO	1380291	18667	18669	7075	-139
1462-	COMROO	1380307	13803	13807	7075	-184
1463-	COMROO	1380311	15627	18629	7075	-184
1464-	COMROO	1380323	13803	13823	7075	-863
1465-	COMROO	1380432	18627	18637	7075	-075
1466-	COMROO	1380433	18627	18637	7075	-075
1467-	COMROO	1380491	18637	18647	7075	-075
1468-	COMROO	1380492	18647	18657	7075	-075
1469-	COMROO	1380709	13807	13809	2024	-078
1470-	COMROO	1380929	13809	13829	2024	-078
1471-	COMROO	1382101	13807	13821	2024	-078
1472-	COMROO	1382123	13821	13823	2024	-070
1473-	COMROO	1382131	13821	13831	2024	-057
1474-	COMROO	1382327	13823	13827	7075	-130
1475-	COMROO	1382333	13823	13833	7075	-116
1476-	COMROO	1382707	13807	13827	7075	-116
1477-	COMROO	1382729	13827	13829	2024	-070
1478-	COMROO	1382737	13827	13837	7075	-116
1479-	COMROO	1382939	13829	13839	2024	-061
1480-	COMROO	1383133	13831	13833	7075	-168
1481-	COMROO	1383161	13831	13841	2024	-104
1482-	COMROO	1383337	13833	13837	7075	-168
1483-	COMROO	1383343	13833	13843	7075	-244
1484-	COMROO	1383501	18627	18627	9046	-031
1485-	COMROO	1383502	18637	18637	9046	-031
1486-	COMROO	1383503	18627	18637	9046	-086
1487-	COMROO	1383504	18627	18637	9046	-086
1488-	COMROO	1383739	13837	13839	7075	-224
1489-	COMROO	1383747	13837	13847	7075	-116
1490-	COMROO	1383748	13837	13848	7075	-128
1491-	COMROO	1383949	13839	13849	2024	-104
1492-	COMROO	1384101	18627	18627	76	-088
1493-	COMROO	1384102	18637	18637	76	-088
1494-	COMROO	1384103	18627	18637	76	-071
1495-	COMROO	1384104	18627	18637	76	-071
1496-	COMROO	1384111	18627	18629	76	-088
1497-	COMROO	1384112	18637	18639	76	-088
1498-	COMROO	1384113	18637	18639	76	-096
1499-	COMROO	1384114	18647	18649	76	-096
1500-	COMROO	1384115	18647	18654	76	-075
1501-	COMROO	1384116	18647	18659	76	-075
1502-	COMROO	1384121	18627	18637	76	-298
1503-	COMROO	1384122	18637	18647	76	-334
1504-	COMROO	1384123	18647	18647	76	-349
1505-	COMROO	1384124	18629	18639	76	-298
1506-	COMROO	1384125	18639	18649	76	-334
1507-	COMROO	1384176	18654	18659	76	-349
1508-	COMROO	1384163	13841	13843	2024	-036

1509-	CONRAD	1384101	13841	13861	2024	-104
1510-	CONRAD	1384101	14827	15627	9046	-096
1511-	CONRAD	1384102	14837	15637	9046	-096
1512-	CONRAD	1384103	14827	14837	9046	-183
1513-	CONRAD	1384104	15627	15637	9046	-183
1514-	CONRAD	1384147	13843	13847	2024	-108
1515-	CONRAD	1384163	13843	13863	7075	-128
1516-	CONRAD	1384501	14827	15627	9046	-053
1517-	CONRAD	1384502	14837	15637	9046	-053
1518-	CONRAD	1384503	14827	14837	9046	-042
1519-	CONRAD	1384504	15627	15637	9046	-042
1520-	CONRAD	1384511	15627	18629	9046	-053
1521-	CONRAD	1384512	15637	18639	9046	-053
1522-	CONRAD	1384513	15637	18639	9046	-058
1523-	CONRAD	1384514	14847	19649	9046	-058
1524-	CONRAD	1384515	14847	18654	9046	-045
1525-	CONRAD	1384516	14847	18659	9046	-045
1526-	CONRAD	1384521	15627	15637	9046	-179
1527-	CONRAD	1384522	15637	14847	9046	-200
1528-	CONRAD	1384523	14847	14867	9046	-221
1529-	CONRAD	1384524	18629	18639	9046	-179
1530-	CONRAD	1384525	18639	18649	9046	-200
1531-	CONRAD	1384526	18654	18659	9046	-221
1532-	CONRAD	1384567	13848	13867	7075	-128
1533-	CONRAD	1384569	13849	13869	7075	-104
1534-	CONRAD	1384563	13861	13863	2024	-056
1535-	CONRAD	1384569	13867	13869	2024	-047
1536-	CONRAD	1384103	14801	14803	7075	-130
1537-	CONRAD	1384327	14803	14807	7075	-130
1538-	CONRAD	1384323	14803	14823	7075	-234
1539-	CONRAD	1384709	14807	14809	7075	-130
1540-	CONRAD	1384929	14809	14829	7075	-130
1541-	CONRAD	1384101	14801	14821	7075	-130
1542-	CONRAD	1384123	14821	14823	7075	-293
1543-	CONRAD	1384131	14821	14831	7075	-130
1544-	CONRAD	1384127	14823	14827	7075	-284
1545-	CONRAD	1384133	14823	14833	7075	-234
1546-	CONRAD	1384207	14807	14827	7075	-293
1547-	CONRAD	1384229	14827	14829	7075	-292
1548-	CONRAD	1384237	14827	14837	7075	-130
1549-	CONRAD	1384239	14829	14839	7075	-155
1550-	CONRAD	1384333	14831	14833	7075	-130
1551-	CONRAD	1384141	14831	14841	7075	-265
1552-	CONRAD	1384337	14833	14837	7075	-234
1553-	CONRAD	1384343	14833	14843	7075	-155
1554-	CONRAD	1384359	14837	14839	7075	-342
1555-	CONRAD	1384347	14837	14847	7075	-130
1556-	CONRAD	1384349	14839	14849	7075	-130
1557-	CONRAD	1384161	14841	14861	7075	-152
1558-	CONRAD	1384367	14843	14863	7075	-334
1559-	CONRAD	1384367	14847	14867	7075	-342
1560-	CONRAD	1384569	14849	14869	7075	-130
1561-	CONRAD	1384163	14861	14863	7075	-277
1562-	CONRAD	1384367	14863	14881	7075	-121
1563-	CONRAD	1384367	14863	14867	7075	-249
1564-	CONRAD	1384569	14867	14869	7075	-277
1565-	CONRAD	1384569	14867	14869	7075	-121
1566-	CONRAD	1384569	14869	14889	7075	-155
1567-	CONRAD	1384183	14881	14883	7075	-155
1568-	CONRAD	1384367	14883	14887	7075	-124
1569-	CONRAD	1384289	14887	14889	7075	-122
1570-	CONRAD	1384021	9347	11547	7075	-132
1571-	CONRAD	1384032	11547	13847	7075	-200
1572-	CONRAD	1384033	13847	14847	7075	-132
1573-	CONRAD	1384041	9343	11543	7075	-130
1574-	CONRAD	1384042	11543	13843	7075	-130

1575-	COMR00	1560043	13643	14843	7075	-194
1576-	COMR00	1570011	6167	7047	7075	-198
1577-	COMR00	1570012	7067	8567	7075	-194
1578-	COMR00	1570013	8567	9367	7075	-191
1579-	COMR00	1570014	9367	11567	7075	-325
1580-	COMR00	1570015	11567	13867	7075	-285
1581-	COMR00	1570016	13867	14867	7075	-275
1582-	COMR00	1570017	14867	18669	7075	-346
1583-	COMR00	1570031	6163	7063	7075	-198
1584-	COMR00	1570032	7063	8563	7075	-195
1585-	COMR00	1570033	8563	9363	7075	-192
1586-	COMR00	1570034	9363	11563	7075	-325
1587-	COMR00	1570035	11563	13663	7075	-284
1588-	COMR00	1570036	13663	14863	7075	-301
1589-	COMR00	1570037	14863	18661	7075	-285
1590-	COMR00	1570038	18661	2037	7075	-267
1591-	COMR00	1580032	7037	85	7075	-248
1592-	COMR00	1580033	8537	9337	7075	-249
1593-	COMR00	1580034	9337	11537	7075	-344
1594-	COMR00	1580035	11537	13837	7075	-346
1595-	COMR00	1580036	13837	14837	7075	-221
1596-	COMR00	1580041	6133	7033	7075	-267
1597-	COMR00	1580042	7033	8533	7075	-268
1598-	COMR00	1580043	8533	9333	7075	-24
1599-	COMR00	1580044	9333	11533	7075	-344
1600-	COMR00	1580045	11533	13833	7075	-347
1601-	COMR00	1580046	13833	14833	7075	-227
1602-	COMR00	1590051	13827	14827	7075	-274
1603-	COMR00	1590052	14827	15827	7075	-303
1604-	COMR00	1590053	15827	18629	7075	-315
1605-	COMR00	1590071	13823	14823	7075	-284
1606-	COMR00	1590072	14823	15823	7075	-285
1607-	COMR00	1590073	15823	18421	7075	-309
1608-	COMR00	1600051	18469	19769	7075	-407
1609-	COMR00	1600052	19769	21369	7075	-441
1610-	COMR00	1600053	21369	25069	7075	-392
1611-	COMR00	1600054	25069	28869	7075	-390
1612-	COMR00	1600055	28869	29969	7075	-638
1613-	COMR00	1600091	18661	19761	7075	-411
1614-	COMR00	1600092	19761	21361	7075	-444
1615-	COMR00	1600093	21361	25061	7075	-404
1616-	COMR00	1600094	25061	26861	7075	-390
1617-	COMR00	1600095	26861	29961	7075	-647
1618-	COMR00	1610131	13829	14829	7075	-128
1619-	COMR00	1610132	14829	15829	7075	-128
1620-	COMR00	1610133	15829	18429	7075	-128
1621-	COMR00	1610151	13821	14821	7075	-128
1622-	COMR00	1610152	14821	15821	7075	-128
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1624-	COMR00	1610191	18629	21329	7075	-412
1625-	COMR00	1610192	21329	21829	7075	-445
1626-	COMR00	1610193	21829	22729	7075	-522
1627-	COMR00	1610194	22729	25029	7075	-348
1628-	COMR00	1610195	25029	26829	7075	-341
1629-	COMR00	1610196	26829	29929	7075	-351
1630-	COMR00	1610291	18621	21321	7075	-513
1631-	COMR00	1610292	21321	21821	7075	-545
1632-	COMR00	1610293	21821	22721	7075	-640
1633-	COMR00	1610294	22721	25021	7075	-420
1634-	COMR00	1610295	25021	26821	7075	-410
1635-	COMR00	1610296	26821	29921	7075	-450
1636-	COMR00	1796101	7061	8561	2024	-040
1637-	COMR00	1796102	7071	8571	2024	-232
1638-	COMR00	1796103	7061	8571	2024	-232
1639-	COMR00	1796104	8561	9361	2024	-072
1640-	COMR00	1796111	8561	9361	2024	-072

1641-	COMRDD	1796112	9371	9371	2024	.072
1642-	COMRDD	1796113	8571	8571	2024	.202
1643-	COMRDD	1796114	9371	9371	2024	.202
1644-	COMRDD	1796121	9361	11561	2024	.102
1645-	COMRDD	1796122	9371	11571	2024	.102
1646-	COMRDD	1796123	9361	9371	2024	.270
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1648-	COMRDD	1796131	11561	13861	2024	.140
1649-	COMRDD	1796132	11571	13871	2024	.140
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1651-	COMRDD	1796134	13861	13871	2024	.382
1652-	COMRDD	1796141	13861	14861	2024	.195
1653-	COMRDD	1796142	13871	14861	2024	.195
1654-	COMRDD	1796143	13861	13871	2024	.187
1655-	COMRDD	1796144	14861	14881	2024	.187
1656-	COMRDD	1796301	7069	8569	2024	.040
1657-	COMRDD	1796302	7079	8579	2024	.040
1658-	COMRDD	1796303	7069	7079	2024	.232
1659-	COMRDD	1796304	8569	8579	2024	.232
1660-	COMRDD	1796311	8569	9369	2024	.072
1661-	COMRDD	1796312	8579	9379	2024	.072
1662-	COMRDD	1796313	8569	8579	2024	.202
1663-	COMRDD	1796314	9369	9379	2024	.202
1664-	COMRDD	1796321	9369	11569	2024	.102
1665-	COMRDD	1796322	9379	11579	2024	.102
1666-	COMRDD	1796323	9369	9379	2024	.270
1667-	COMRDD	1796324	11569	11579	2024	.270
1668-	COMRDD	1796331	11569	13869	2024	.130
1669-	COMRDD	1796332	11579	13879	2024	.130
1670-	COMRDD	1796333	11569	11579	2024	.248
1671-	COMRDD	1796334	13869	13879	2024	.248
1672-	COMRDD	1796341	13869	14869	2024	.183
1673-	COMRDD	1796342	13879	14869	2024	.183
1674-	COMRDD	1796343	13869	13879	2024	.321
1675-	COMRDD	1796344	14869	14889	2024	.321
1676-	COMRDD	1800171	18629	21349	2024	.491
1677-	COMRDD	1800191	21321	18641	2024	.491
1678-	COMRDD	1820011	18649	19749	7075	.288
1679-	COMRDD	1820012	19749	21349	7075	.288
1680-	COMRDD	1820031	18641	19741	7075	.288
1681-	COMRDD	1820032	19741	21341	7075	.288
1682-	COMRDD	1860103	18601	18603	2024	.123
1683-	COMRDD	1860307	18603	18607	2024	.123
1684-	COMRDD	1860709	18607	18609	2024	.123
1685-	COMRDD	1860929	18609	11529	2024	.123
1686-	COMRDD	1862101	18601	18621	2024	.123
1687-	COMRDD	1862123	18621	18623	7075	.278
1688-	COMRDD	1862131	18621	18631	2014	.652
1689-	COMRDD	1862325	18623	18625	7075	.278
1690-	COMRDD	1862527	18625	18627	7075	.278
1691-	COMRDD	1862729	18627	18629	7075	.481
1692-	COMRDD	1862939	18629	18639	2014	.652
1693-	COMRDD	1863141	18631	18641	2014	.487
1694-	COMRDD	1863949	18639	18649	2014	.548
1695-	COMRDD	1864151	18641	18651	2014	.548
1696-	COMRDD	1864954	18649	18654	2014	.548
1697-	COMRDD	1865156	18651	18656	2014	.548
1698-	COMRDD	1865459	18654	18659	2014	.548
1699-	COMRDD	1865661	18656	18661	2014	.548
1700-	COMRDD	1865969	18659	18669	2014	.548
1701-	COMRDD	1866181	18661	18681	2024	.213
1702-	COMRDD	1866989	18669	18689	2024	.213
1703-	COMRDD	1868183	18681	18683	7075	.313
1704-	COMRDD	1868385	18683	18685	7075	.313
1705-	COMRDD	1868587	18685	18687	7075	.328
1706-	COMRDD	1868789	18687	18689	7075	.328

1707-	COMROU	1870031	8533	8543	2014	-581	MEB
1708-	COMROU	1870032	8537	8547	2014	-574	MEB
1709-	COMROU	1874241	18641	18642	2014	-0456	MEB
1710-	COMROU	1874352	18652	18643	2014	-147	MEB
1711-	COMROU	1874664	18644	18664	2014	-08125	MEB
1712-	COMROU	1874666	18646	18666	2014	-08125	MEB
1713-	COMROU	1874948	18648	18649	2014	-0456	MEB
1714-	COMROU	1875141	18641	18651	2014	-125	MEB
1715-	COMROU	1875242	18642	18652	2014	-125	MEB
1716-	COMROU	1875251	18651	18652	2014	-1441	MEB
1717-	COMROU	1875347	18647	18653	2014	-147	MEB
1718-	COMROU	1875348	18648	18653	2014	-125	MEB
1719-	COMROU	1875449	18649	18654	2014	-125	MEB
1720-	COMROU	1875453	18653	18654	2014	-1441	MEB
1721-	COMROU	1875451	18651	18654	2014	-125	MEB
1722-	COMROU	1875752	18652	18657	2014	-342	MEB
1723-	COMROU	1875756	18656	18657	2014	-0985	MEB
1724-	COMROU	1875853	18653	18658	2014	-342	MEB
1725-	COMROU	1875847	18647	18658	2014	-147	MEB
1726-	COMROU	1875954	18654	18659	2014	-125	MEB
1727-	COMROU	1875958	18658	18659	2014	-0985	MEB
1728-	COMROU	1876343	18643	18663	2014	-217	MEB
1729-	COMROU	1876357	18657	18663	2014	-147	MEB
1730-	COMROU	1876767	18647	18647	2014	-217	MEB
1731-	COMROU	1874241	19741	19742	2014	-247	MEB
1732-	COMROU	1874342	19742	19743	2014	-288	MEB
1733-	COMROU	1874543	19743	19745	2014	-3293	MEB
1734-	COMROU	1874565	19745	19765	2014	-825	MEB
1735-	COMROU	1874745	19745	19747	2014	-3293	MEB
1736-	COMROU	1874847	19747	19748	2014	-288	MEB
1737-	COMROU	1874948	19748	19749	2014	-247	MEB
1738-	COMROU	1875141	19741	19751	2014	-744	MEB
1739-	COMROU	1875242	19742	19752	2014	-981	MEB
1740-	COMROU	1875251	19751	19752	2014	-4117	MEB
1741-	COMROU	1875848	19748	19758	2014	-981	MEB
1742-	COMROU	1875847	19747	19758	2014	-288	MEB
1743-	COMROU	1875949	19749	19759	2014	-744	MEB
1744-	COMROU	1875958	19758	19759	2014	-4117	MEB
1745-	COMROU	1876151	19751	19761	2014	1-528	MEB
1746-	COMROU	1876252	19752	19762	2014	1-528	MEB
1747-	COMROU	1876241	19741	19762	2014	-1647	MEB
1748-	COMROU	1876343	19743	19763	2014	1-009	MEB
1749-	COMROU	1876352	19752	19763	2014	-288	MEB
1750-	COMROU	1876445	19745	19765	2014	1-584	MEB
1751-	COMROU	1876544	19744	19765	2014	-3293	MEB
1752-	COMROU	1876747	19747	19767	2014	1-009	MEB
1753-	COMROU	1876745	19745	19767	2014	-3293	MEB
1754-	COMROU	1876858	19758	19768	2014	1-528	MEB
1755-	COMROU	1876959	19759	19764	2014	1-528	MEB
1756-	COMROU	1876948	19768	19769	2014	-1647	MEB
1757-	COMROU	2010191	4633	6131	2024	-018	MEB
1758-	COMROU	2010192	4637	6131	2024	-018	MEB
1759-	COMROU	2010211	4633	4637	2024	-024	MEB
1760-	COMROU	2015301	6131	7031	2024	-029	MEB
1761-	COMROU	2015302	6133	7033	2024	-029	MEB
1762-	COMROU	2015303	6133	7033	2024	-160	MEB
1763-	COMROU	2015304	6137	7037	2024	-160	MEB
1764-	COMROU	2015305	6137	7037	2024	-029	MEB
1765-	COMROU	2015306	6139	7039	2024	-029	MEB
1766-	COMROU	2015307	6131	6133	2024	-076	MEB
1767-	COMROU	2015308	6133	6137	2024	-076	MEB
1768-	COMROU	2015309	6137	6139	2024	-074	MEB
1769-	COMROU	2015310	7031	7033	2024	-074	MEB
1770-	COMROU	2015311	7033	7037	2024	-074	MEB
1771-	COMROU	2015312	7037	7039	2024	-074	MEB
1772-	COMROU	2015321	7031	8531	2024	-044	MEB

1773-	CONRAD	2015322	7033	8533	2024	.344
1774-	CONRAD	2015323	7037	8537	2024	.044
1775-	CONRAD	2015324	7039	8539	2024	.044
1776-	CONRAD	2015325	7031	7039	2024	.116
1777-	CONRAD	2015326	7037	7039	2024	.116
1778-	CONRAD	2015327	8531	8533	2024	.116
1779-	CONRAD	2015328	8537	8539	2024	.116
1780-	CONRAD	2015331	8531	9331	2024	.054
1781-	CONRAD	2015332	8533	9333	2024	.054
1782-	CONRAD	2015333	8535	9335	2024	.054
1783-	CONRAD	2015334	8537	9337	2024	.160
1784-	CONRAD	2015335	8539	9339	2024	.054
1785-	CONRAD	2015336	8531	9331	2024	.054
1786-	CONRAD	2015337	8533	9333	2024	.062
1787-	CONRAD	2015338	8535	9335	2024	.062
1788-	CONRAD	2015339	8537	9337	2024	.062
1789-	CONRAD	2015341	9333	9337	2024	.062
1790-	CONRAD	2015342	9335	9339	2024	.062
1791-	CONRAD	2015343	9337	9339	2024	.062
1792-	CONRAD	2016701	4633	6133	2024	.029
1793-	CONRAD	2016702	4637	6137	2024	.029
1794-	CONRAD	2016703	4639	6139	2024	.079
1795-	CONRAD	2016704	6133	6137	2024	.079
1796-	CONRAD	2016901	4633	6133	2024	.062
1797-	CONRAD	2016902	4637	6137	2024	.062
1798-	CONRAD	2016903	4639	6139	2024	.151
1799-	CONRAD	2016904	6133	6137	2024	.151
1800-	CONRAD	2016911	6131	7031	2024	.036
1801-	CONRAD	2016912	6133	7033	2024	.036
1802-	CONRAD	2016913	6135	7035	2024	.200
1803-	CONRAD	2016914	6137	7037	2024	.200
1804-	CONRAD	2016915	6139	7039	2024	.036
1805-	CONRAD	2016916	6131	7031	2024	.036
1806-	CONRAD	2016917	6133	7033	2024	.095
1807-	CONRAD	2016918	6135	7035	2024	.095
1808-	CONRAD	2016919	6137	7037	2024	.095
1809-	CONRAD	2016920	7031	7033	2024	.095
1810-	CONRAD	2016921	7033	7037	2024	.095
1811-	CONRAD	2016922	7035	7039	2024	.095
1812-	CONRAD	2016931	7031	8531	2024	.055
1813-	CONRAD	2016932	7033	8533	2024	.055
1814-	CONRAD	2016933	7037	8537	2024	.055
1815-	CONRAD	2016934	7039	8539	2024	.055
1816-	CONRAD	2016935	7031	7033	2024	.148
1817-	CONRAD	2016936	7037	7039	2024	.148
1818-	CONRAD	2016937	8531	8533	2024	.148
1819-	CONRAD	2016938	8537	8539	2024	.148
1820-	CONRAD	2017001	8531	9331	2024	.067
1821-	CONRAD	2017002	8533	9333	2024	.067
1822-	CONRAD	2017003	8535	9335	2024	.067
1823-	CONRAD	2017004	8537	9337	2024	.200
1824-	CONRAD	2017005	8539	9339	2024	.067
1825-	CONRAD	2017006	8531	9331	2024	.067
1826-	CONRAD	2017007	8533	9333	2024	.077
1827-	CONRAD	2017008	8535	9335	2024	.077
1828-	CONRAD	2017009	8537	9337	2024	.077
1829-	CONRAD	2017010	9331	9333	2024	.077
1830-	CONRAD	2017011	9333	9337	2024	.077
1831-	CONRAD	2017012	9335	9339	2024	.077
1832-	CONRAD	2018501	6131	7031	2024	.032
1833-	CONRAD	2018502	6133	7033	2024	.032
1834-	CONRAD	2018503	6135	7035	2024	.320
1835-	CONRAD	2018504	6137	7037	2024	.320
1836-	CONRAD	2018505	6139	7039	2024	.032
1837-	CONRAD	2018506	6131	7031	2024	.032
1838-	CONRAD	2018507	6133	7033	2024	.147

1839-	COM000	2018504	6133	6137	2024	-127
1840-	COM000	2018509	6137	6139	2024	-127
1841-	COM000	2018510	7031	7033	2024	-127
1842-	COM000	2018511	7033	7037	2024	-127
1843-	COM000	2018512	7037	7039	2024	-127
1844-	COM000	2018521	7031	8531	2024	-062
1845-	COM000	2018522	7033	8533	2024	-062
1846-	COM000	2018523	7037	8537	2024	-062
1847-	COM000	2018524	7039	8539	2024	-062
1848-	COM000	2018525	7031	7033	2024	-232
1849-	COM000	2018526	7037	7039	2024	-232
1850-	COM000	2018527	8531	8533	2024	-232
1851-	COM000	2018528	8537	8539	2024	-232
1852-	COM000	2018531	9331	9331	2024	-082
1853-	COM000	2018532	8533	9333	2024	-082
1854-	COM000	2018533	8533	9333	2024	-120
1855-	COM000	2018534	8537	9337	2024	-120
1856-	COM000	2018535	8537	9337	2024	-082
1857-	COM000	2018536	8539	9339	2024	-082
1858-	COM000	2018537	8531	8533	2024	-098
1859-	COM000	2018538	8533	8537	2024	-098
1860-	COM000	2018539	8537	8539	2024	-098
1861-	COM000	2018540	9331	9333	2024	-098
1862-	COM000	2018541	9333	9337	2024	-098
1863-	COM000	2018542	9337	9339	2024	-098
1864-	COM000	2020171	9343	9347	2024	-183
1865-	COM000	2020172	13843	13847	2024	-041
1866-	COM000	2020173	14843	14847	2024	-027
1867-	COM000	2020271	9347	11547	2024	-027
1868-	COM000	2020272	11547	13847	2024	-026
1869-	COM000	2020273	13847	14847	2024	-030
1870-	COM000	2020291	9343	11543	2024	-027
1871-	COM000	2020292	11543	13843	2024	-026
1872-	COM000	2020293	13843	14843	2024	-030
1873-	COM000	2027301	9343	11543	2024	-045
1874-	COM000	2027302	11543	13843	2024	-045
1875-	COM000	2027303	13843	14843	2024	-045
1876-	COM000	2027304	9347	11547	2024	-045
1877-	COM000	2027305	11547	13847	2024	-045
1878-	COM000	2027306	13847	14847	2024	-045
1879-	COM000	2027307	9343	9347	2024	-200
1880-	COM000	2027308	11543	11547	2024	-200
1881-	COM000	2027309	11543	11547	2024	-231
1882-	COM000	2027310	13843	13847	2024	-231
1883-	COM000	2027311	13843	13847	2024	-097
1884-	COM000	2027312	14843	14847	2024	-097
1885-	COM000	2030511	9317	11507	2024	-302
1886-	COM000	2030512	11507	13807	2024	-302
1887-	COM000	2030513	9307	13807	2024	-065
1888-	COM000	2030521	9313	11503	2024	-302
1889-	COM000	2030522	11503	13803	2024	-302
1890-	COM000	2030523	9303	13803	2024	-065
1891-	COM000	2032901	9303	13803	2024	-250
1892-	COM000	2032902	9307	13807	2024	-250
1893-	COM000	2032903	9303	9307	2024	-575
1894-	COM000	2032904	13803	13807	2024	-575
1895-	COM000	2044701	14821	15621	9046	-152
1896-	COM000	2044702	14823	15623	9046	-152
1897-	COM000	2044703	14827	15627	9046	-152
1898-	COM000	2044704	14829	15629	9046	-152
1899-	COM000	2044705	14821	14823	9046	-195
1900-	COM000	2044706	14827	14829	9046	-195
1901-	COM000	2044707	15621	15623	9046	-195
1902-	COM000	2044708	15627	15629	9046	-195
1903-	COM000	2044711	14821	15621	7075	-019
1904-	COM000	2044712	14823	15623	7075	-205



1905-	CONROO	2044713	14827	15627	7375	-235
1906-	CONROO	2044714	14829	15629	7375	-319
1907-	CONROO	2044715	14823	14827	7375	-176
1908-	CONROO	2044716	15621	15623	7375	-296
1909-	CONROO	2044717	15623	15625	7375	-294
1910-	CONROO	2044718	15625	15627	7375	-296
1911-	CONROO	2044719	15627	15629	7375	-350
1912-	CONROO	2044720	15621	18621	7375	-195
1913-	CONROO	2044721	15623	18621	7375	-195
1914-	CONROO	2044722	15627	18629	7375	-195
1915-	CONROO	2044723	15629	18629	7375	-350
1916-	CONROO	2044724	18621	18623	7375	-180
1917-	CONROO	2044725	18623	18625	7375	-180
1918-	CONROO	2044726	18625	18627	7375	-180
1919-	CONROO	2044727	18627	18629	7375	-180
1920-	CONROO	2047901	15623	18623	76	-372
1921-	CONROO	2047902	15625	18625	76	-144
1922-	CONROO	2047903	15625	18625	76	-144
1923-	CONROO	2047904	15627	18627	76	-372
1924-	CONROO	2047905	15623	15625	76	-298
1925-	CONROO	2047906	15625	15627	76	-298
1926-	CONROO	2047907	18623	18625	76	-298
1927-	CONROO	2047908	18625	18627	76	-298
1928-	CONROO	2048101	14821	15621	9046	-350
1929-	CONROO	2048102	14823	15623	9046	-350
1930-	CONROO	2048103	14827	15627	9046	-350
1931-	CONROO	2048104	14829	15629	9046	-350
1932-	CONROO	2048105	14821	14823	9046	-362
1933-	CONROO	2048106	14827	14829	9046	-362
1934-	CONROO	2048107	15621	15623	9046	-362
1935-	CONROO	2048108	15627	15629	9046	-362
1936-	CONROO	2048201	15623	18623	9046	-357
1937-	CONROO	2048202	15625	18625	9046	-115
1938-	CONROO	2048203	15625	18625	9046	-115
1939-	CONROO	2048204	15627	18627	9046	-357
1940-	CONROO	2048205	15623	15625	9046	-238
1941-	CONROO	2048206	15625	15627	9046	-238
1942-	CONROO	2048207	18623	18625	9046	-239
1943-	CONROO	2048208	18625	18627	9046	-239
1944-	CONROO	2050431	18621	21321	7375	-324
1945-	CONROO	2050432	18621	18623	7375	-340
1946-	CONROO	2050433	18623	18625	7375	-340
1947-	CONROO	2050434	18625	18627	7375	-340
1948-	CONROO	2050435	18627	18629	7375	-340
1949-	CONROO	2050436	21321	21323	7375	-104
1950-	CONROO	2050437	21323	21325	7375	-104
1951-	CONROO	2050438	21325	21327	7375	-104
1952-	CONROO	2050439	21327	21329	7375	-104
1953-	CONROO	2050451	18627	21327	7375	-193
1954-	CONROO	2050652	18629	21329	7375	-353
1955-	CONROO	2055501	18621	21321	7375	-018
1956-	CONROO	2055502	18623	21323	7375	-094
1957-	CONROO	2055503	18625	21325	7375	-394
1958-	CONROO	2055504	18627	21327	7375	-394
1959-	CONROO	2055505	18629	21329	7375	-394
1960-	CONROO	2055506	18627	21327	7375	-059
1961-	CONROO	2055507	18629	21329	7375	-094
1962-	CONROO	2055508	18621	21321	7375	-018
1963-	CONROO	2055511	18623	18625	7375	-221
1964-	CONROO	2055512	18625	18627	7375	-221
1965-	CONROO	2055513	18627	18629	7375	-221
1966-	CONROO	2055514	18627	18629	7375	-221
1967-	CONROO	2055515	21321	21323	7375	-221
1968-	CONROO	2055516	21323	21325	7375	-221
1969-	CONROO	2055517	21325	21327	7375	-221
1970-	CONROO	2055518	21327	21329	7375	-221

1971-	COMROD	2056301	18621	21321	7375	.004
1972-	COMROD	2056302	18623	21323	7375	.069
1973-	COMROD	2056303	18623	21323	7375	.365
1974-	COMROD	2056304	18625	21325	7375	.345
1975-	COMROD	2056305	18625	21325	7375	.045
1976-	COMROD	2056306	18627	21327	7375	.069
1977-	COMROD	2056307	18627	21327	7375	.069
1978-	COMROD	2056308	18629	21329	7375	.305
1979-	COMROD	2056311	18621	18623	7375	.145
1980-	COMROD	2056312	18623	18625	7375	.145
1981-	COMROD	2056313	18625	18627	7375	.145
1982-	COMROD	2056314	18627	18629	7375	.145
1983-	COMROD	2056315	21321	21323	7375	.145
1984-	COMROD	2056316	21323	21325	7375	.145
1985-	COMROD	2056317	21325	21327	7375	.145
1986-	COMROD	2056318	21327	21329	7375	.145
1987-	COMROD	2060191	22729	25029	7075	.084
1988-	COMROD	2060211	22721	25021	7075	.084
1989-	COMROD	2060231	22721	22723	7075	.145
1990-	COMROD	2060232	22723	22725	7075	.145
1991-	COMROD	2060233	22725	22727	7075	.145
1992-	COMROD	2060234	22727	22729	7075	.145
1993-	COMROD	2060271	21829	22729	7075	.174
1994-	COMROD	2060391	25021	25025	7075	.111
1995-	COMROD	2060392	25025	25029	7075	.111
1996-	COMROD	2060501	21821	22721	7075	.174
1997-	COMROD	2060850	21321	21821	7075	.180
1998-	COMROD	2060851	21329	21829	7075	.180
1999-	COMROD	2060852	21321	21323	7075	.205
2000-	COMROD	2060853	21323	21325	7075	.205
2001-	COMROD	2060854	21325	21327	7075	.205
2002-	COMROD	2060855	21327	21329	7075	.205
2003-	COMROD	2060856	21821	21823	7075	.242
2004-	COMROD	2060857	21823	21825	7075	.242
2005-	COMROD	2060858	21825	21827	7075	.242
2006-	COMROD	2060859	21827	21829	7075	.242
2007-	COMROD	2068701	21321	21821	9046	.017
2008-	COMROD	2068702	21323	21823	9046	.093
2009-	COMROD	2068703	21323	21823	9046	.093
2010-	COMROD	2068704	21325	21825	9046	.059
2011-	COMROD	2068705	21325	21825	9046	.059
2012-	COMROD	2068706	21327	21827	9046	.093
2013-	COMROD	2068707	21327	21827	9046	.093
2014-	COMROD	2068708	21329	21829	9046	.017
2015-	COMROD	2068711	21321	21323	9046	.040
2016-	COMROD	2068712	21323	21325	9046	.040
2017-	COMROD	2068713	21325	21327	9046	.040
2018-	COMROD	2068714	21327	21329	9046	.040
2019-	COMROD	2068715	21821	21823	9046	.040
2020-	COMROD	2068716	21823	21825	9046	.040
2021-	COMROD	2068717	21825	21827	9046	.040
2022-	COMROD	2068718	21827	21829	9046	.040
2023-	COMROD	2068721	21821	22721	9046	.014
2024-	COMROD	2068722	21823	22723	9046	.092
2025-	COMROD	2068723	21823	22723	9046	.092
2026-	COMROD	2068724	21825	22725	9046	.059
2027-	COMROD	2068725	21825	22725	9046	.059
2028-	COMROD	2068726	21827	22727	9046	.092
2029-	COMROD	2068727	21827	22727	9046	.092
2030-	COMROD	2068728	21829	22729	9046	.014
2031-	COMROD	2068731	21821	21823	9046	.049
2032-	COMROD	2068732	21823	21825	9046	.049
2033-	COMROD	2068733	21825	21827	9046	.049
2034-	COMROD	2068734	21827	21829	9046	.049
2035-	COMROD	2068735	22721	22723	9046	.069
2036-	COMROD	2068736	22723	22725	9046	.069

2037-	CONRAD	2068731	22725	22727	.069
2038-	CONRAD	2068738	22727	22729	.069
2039-	CONRAD	2068801	22723	25021	.069
2040-	CONRAD	2068802	22725	25025	.116
2041-	CONRAD	2068803	22725	25025	.116
2042-	CONRAD	2068804	22727	25029	.069
2043-	CONRAD	2068811	22723	22725	.174
2044-	CONRAD	2068812	22725	22727	.174
2045-	CONRAD	2068813	25021	25025	.174
2046-	CONRAD	2068814	25025	25029	.174
2047-	CONRAD	2068901	21321	21821	.021
2048-	CONRAD	2068902	21323	21823	.116
2049-	CONRAD	2068903	21325	21825	.116
2050-	CONRAD	2068904	21325	21825	.074
2051-	CONRAD	2068905	21325	21825	.074
2052-	CONRAD	2068906	21327	21827	.116
2053-	CONRAD	2068907	21327	21827	.116
2054-	CONRAD	2068908	21329	21829	.021
2055-	CONRAD	2068911	21321	21323	.050
2056-	CONRAD	2068912	21323	21325	.050
2057-	CONRAD	2068913	21325	21327	.050
2058-	CONRAD	2068914	21327	21329	.050
2059-	CONRAD	2068915	21821	21823	.050
2060-	CONRAD	2068916	21823	21825	.050
2061-	CONRAD	2068917	21825	21827	.050
2062-	CONRAD	2068918	21827	21829	.050
2063-	CONRAD	2068921	21821	21821	.018
2064-	CONRAD	2068922	21823	22723	.115
2065-	CONRAD	2068923	21823	22723	.115
2066-	CONRAD	2068924	21825	22725	.074
2067-	CONRAD	2068925	21825	22725	.074
2068-	CONRAD	2068926	21827	22727	.115
2069-	CONRAD	2068927	21827	22727	.115
2070-	CONRAD	2068928	21829	22729	.018
2071-	CONRAD	2068931	21821	21823	.087
2072-	CONRAD	2068932	21823	21825	.087
2073-	CONRAD	2068933	21825	21827	.087
2074-	CONRAD	2068934	21827	21829	.087
2075-	CONRAD	2068935	22721	22723	.087
2076-	CONRAD	2068936	22723	22725	.087
2077-	CONRAD	2068937	22725	22727	.087
2078-	CONRAD	2068938	22727	22729	.087
2079-	CONRAD	2069001	22723	25021	.081
2080-	CONRAD	2069002	22725	25025	.173
2081-	CONRAD	2069003	22725	25025	.173
2082-	CONRAD	2069004	22727	25029	.081
2083-	CONRAD	2069011	22723	22725	.224
2084-	CONRAD	2069012	22725	22727	.224
2085-	CONRAD	2069013	25021	25025	.224
2086-	CONRAD	2069014	25025	25029	.224
2087-	CONRAD	2069101	21321	21821	.011
2088-	CONRAD	2069102	21323	21823	.058
2089-	CONRAD	2069103	21323	21823	.058
2090-	CONRAD	2069104	21325	21825	.037
2091-	CONRAD	2069105	21325	21825	.037
2092-	CONRAD	2069106	21327	21827	.058
2093-	CONRAD	2069107	21327	21827	.058
2094-	CONRAD	2069108	21329	21829	.011
2095-	CONRAD	2069111	21321	21323	.025
2096-	CONRAD	2069112	21323	21325	.025
2097-	CONRAD	2069113	21325	21327	.025
2098-	CONRAD	2069114	21327	21329	.025
2099-	CONRAD	2069115	21821	21823	.025
2100-	CONRAD	2069116	21821	21825	.025
2101-	CONRAD	2069117	21825	21827	.025
2102-	CONRAD	2069118	21827	21829	.025

2103-	COMROD	2070091	25021	26621	2024	-025
2104-	COMROD	2070131	26621	26625	2024	-041
2105-	COMROD	2070132	26625	26629	2024	-041
2106-	COMROD	2070151	26629	29929	2024	-028
2107-	COMROD	2070211	29921	29925	2024	-339
2108-	COMROD	2070212	29925	29929	2024	-039
2109-	COMROD	2070231	25021	25025	2024	-044
2110-	COMROD	2070232	25025	25029	2024	-044
2111-	COMROD	2070311	25029	26629	2024	-068
2112-	COMROD	2070351	26321	26625	2024	-041
2113-	COMROD	2070552	26625	26629	2024	-041
2114-	COMROD	2070571	26621	29921	2024	-156
2115-	COMROD	2072701	25021	26621	2024	-073
2116-	COMROD	2072702	25025	26625	2024	-160
2117-	COMROD	2072703	25025	26625	2024	-160
2118-	COMROD	2072704	25029	26629	2024	-073
2119-	COMROD	2072711	25021	25025	2024	-144
2120-	COMROD	2072712	25025	25029	2024	-144
2121-	COMROD	2072713	26621	26625	2024	-144
2122-	COMROD	2072714	26625	26629	2024	-144
2123-	COMROD	2076501	26621	29921	2024	-019
2124-	COMROD	2076502	26625	29925	2024	-065
2125-	COMROD	2076503	26625	29925	2024	-065
2126-	COMROD	2076504	26629	29929	2024	-013
2127-	COMROD	2076511	26621	26625	2024	-111
2128-	COMROD	2076512	26625	26629	2024	-111
2129-	COMROD	2076513	29921	29925	2024	-111
2130-	COMROD	2076514	29925	29929	2024	-111
2131-	COMROD	2077701	9343	11543	2024	-034
2132-	COMROD	2077702	11543	13843	2024	-031
2133-	COMROD	2077703	13843	14843	2024	-029
2134-	COMROD	2077704	9347	11547	2024	-034
2135-	COMROD	2077705	11547	13847	2024	-031
2136-	COMROD	2077706	13847	16847	2024	-029
2137-	COMROD	2077707	9343	9347	2024	-150
2138-	COMROD	2077708	11543	11547	2024	-150
2139-	COMROD	2077709	11543	11547	2024	-175
2140-	COMROD	2077710	13843	13847	2024	-175
2141-	COMROD	2077711	13843	13847	2024	-063
2142-	COMROD	2077712	14843	14847	2024	-063
2143-	COMROD	2078101	25021	26621	2024	-040
2144-	COMROD	2078102	25025	26625	2024	-118
2145-	COMROD	2078103	25025	26625	2024	-118
2146-	COMROD	2078104	25029	26629	2024	-040
2147-	COMROD	2078111	25021	25025	2024	-090
2148-	COMROD	2078112	25025	25029	2024	-090
2149-	COMROD	2078113	26621	26625	2024	-090
2150-	COMROD	2078114	26625	26629	2024	-090
2151-	COMROD	2078701	26621	29921	2024	-063
2152-	COMROD	2078702	26625	29925	2024	-141
2153-	COMROD	2078703	26625	29925	2024	-141
2154-	COMROD	2078704	26629	29929	2024	-063
2155-	COMROD	2078711	26621	26625	2024	-248
2156-	COMROD	2078712	26625	26629	2024	-248
2157-	COMROD	2078713	29921	29925	2024	-248
2158-	COMROD	2078714	29925	29929	2024	-248
2159-	COMROD	2080231	16483	18683	7075	-475
2160-	COMROD	2080232	16487	18687	7075	-475
2161-	COMROD	2081101	14887	16487	2024	-016
2162-	COMROD	2081102	14889	16489	2024	-016
2163-	COMROD	2081103	14887	16487	2024	-036
2164-	COMROD	2081104	14887	16487	2024	-036
2165-	COMROD	2081301	16481	18681	2024	-014
2166-	COMROD	2081302	16483	18683	2024	-014
2167-	COMROD	2081303	16483	18683	2024	-050
2168-	COMROD	2081304	16485	18685	2024	-050

2169-	CONRAD	2011305	16485	18685	2324	-050
2170-	CONRAD	2081306	16487	18687	2324	-050
2171-	CONRAD	2081307	16487	18687	2324	-014
2172-	CONRAD	2081308	16489	18689	2324	-014
2173-	CONRAD	2081309	16481	16483	2324	-072
2174-	CONRAD	2081310	16483	16485	2324	-075
2175-	CONRAD	2081311	16485	16487	2324	-075
2176-	CONRAD	2081312	16487	16489	2324	-075
2177-	CONRAD	2081313	16481	16483	2324	-075
2178-	CONRAD	2081314	16483	16485	2324	-075
2179-	CONRAD	2081315	16485	16487	2324	-075
2180-	CONRAD	2081316	16487	16489	2324	-075
2181-	CONRAD	2084501	16481	16481	2324	-045
2182-	CONRAD	2084502	16481	16481	2324	-045
2183-	CONRAD	2084511	16489	16489	2324	-044
2184-	CONRAD	2084512	16489	16489	2324	-045
2185-	CONRAD	2084521	16481	16483	2324	-078
2186-	CONRAD	2084522	16483	16487	2324	-078
2187-	CONRAD	2084523	16487	16489	2324	-078
2188-	CONRAD	2084531	16481	16483	2324	-090
2189-	CONRAD	2084532	16483	16485	2324	-090
2190-	CONRAD	2084533	16485	16487	2324	-090
2191-	CONRAD	2084534	16487	16489	2324	-090
2192-	CONRAD	2084541	16481	16483	2324	-054
2193-	CONRAD	2084542	16483	16485	2324	-054
2194-	CONRAD	2084543	16485	16487	2324	-054
2195-	CONRAD	2084544	16487	16489	2324	-054
2196-	CONRAD	2087901	16481	16481	2324	-047
2197-	CONRAD	2087902	16483	16483	2324	-047
2198-	CONRAD	2087903	16487	16487	2324	-047
2199-	CONRAD	2087904	16489	16489	2324	-047
2200-	CONRAD	2087905	16481	16483	2324	-093
2201-	CONRAD	2087906	16487	16489	2324	-093
2202-	CONRAD	2087907	16481	16483	2324	-093
2203-	CONRAD	2087908	16487	16489	2324	-093
2204-	CONRAD	2087921	16481	16481	2324	-040
2205-	CONRAD	2087922	16483	16483	2324	-040
2206-	CONRAD	2087923	16483	16483	2324	-062
2207-	CONRAD	2087924	16485	16485	2324	-062
2208-	CONRAD	2087925	16485	16485	2324	-062
2209-	CONRAD	2087926	16487	16487	2324	-062
2210-	CONRAD	2087927	16487	16487	2324	-040
2211-	CONRAD	2087928	16489	16489	2324	-040
2212-	CONRAD	2087929	16481	16483	2324	-175
2213-	CONRAD	2087930	16483	16485	2324	-175
2214-	CONRAD	2087931	16485	16487	2324	-175
2215-	CONRAD	2087932	16487	16489	2324	-175
2216-	CONRAD	2087933	16481	16483	2324	-175
2217-	CONRAD	2087934	16483	16485	2324	-175
2218-	CONRAD	2087935	16485	16487	2324	-175
2219-	CONRAD	2087936	16487	16489	2324	-175
2220-	CONRAD	2090051	25061	26461	7375	-036
2221-	CONRAD	2090052	25065	26465	7375	-036
2222-	CONRAD	2090053	25065	26465	7375	-025
2223-	CONRAD	2090054	25069	26469	7375	-025
2224-	CONRAD	2090055	25061	25065	7375	-025
2225-	CONRAD	2090056	25065	25069	7375	-025
2226-	CONRAD	2090057	25061	25065	7375	-025
2227-	CONRAD	2090058	25065	25069	7375	-025
2228-	CONRAD	2090411	25061	25065	7375	-408
2229-	CONRAD	2090412	25065	25069	7375	-408
2230-	CONRAD	2090431	26461	26465	2024	-273
2231-	CONRAD	2090432	26465	26469	2024	-273
2232-	CONRAD	2091011	25065	26465	2024	-049
2233-	CONRAD	2091012	25069	26469	2024	-049
2234-	CONRAD	2091031	25061	26461	2024	-071

2235-	COMR00	2091032	25065	26865	2024	-071
2236-	COMR00	2091270	21361	25061	7075	-038
2237-	COMR00	2091271	21367	25069	7075	-094
2238-	COMR00	2091272	21361	21363	7075	-168
2239-	COMR00	2091273	21363	21364	7075	-168
2240-	COMR00	2091274	21364	21366	7075	-168
2241-	COMR00	2091275	21366	21367	7075	-168
2242-	COMR00	2091276	25061	25065	7075	-051
2243-	COMR00	2091277	25065	25069	7075	-051
2244-	COMR00	2091281	26861	29961	7075	-031
2245-	COMR00	2091282	26869	29969	7075	-047
2246-	COMR00	2091283	26861	26865	7075	-054
2247-	COMR00	2091284	26865	26869	7075	-054
2248-	COMR00	2091285	29961	29965	7075	-036
2249-	COMR00	2091286	29965	29969	7075	-036
2250-	COMR00	2092501	21363	25061	9046	-068
2251-	COMR00	2092502	21364	25065	9046	-068
2252-	COMR00	2092503	21366	25065	9046	-064
2253-	COMR00	2092504	21367	25069	9046	-064
2254-	COMR00	2092511	21363	21364	9046	-287
2255-	COMR00	2092512	21366	21367	9046	-287
2256-	COMR00	2092513	25061	25065	9046	-287
2257-	COMR00	2092514	25065	25069	9046	-287
2258-	COMR00	2092521	25061	25069	9046	-079
2259-	COMR00	2092522	25065	26865	9046	-165
2260-	COMR00	2092523	25065	26865	9046	-165
2261-	COMR00	2092524	25069	26869	9046	-079
2262-	COMR00	2092531	25061	25065	9046	-166
2263-	COMR00	2092532	25065	25069	9046	-166
2264-	COMR00	2092533	26861	26865	9046	-166
2265-	COMR00	2092534	26865	26869	9046	-166
2266-	COMR00	2092541	26861	29961	9046	-089
2267-	COMR00	2092542	26865	29965	9046	-145
2268-	COMR00	2092543	26865	29965	9046	-145
2269-	COMR00	2092544	26869	29969	9046	-049
2270-	COMR00	2092551	26861	26865	9046	-242
2271-	COMR00	2092552	26865	26869	9046	-242
2272-	COMR00	2092553	29961	29965	9046	-242
2273-	COMR00	2092554	29965	29969	9046	-242
2274-	COMR00	2092701	25061	26861	9046	-040
2275-	COMR00	2092702	25065	26865	9046	-124
2276-	COMR00	2092703	25065	26865	9046	-124
2277-	COMR00	2092704	25069	26869	9046	-040
2278-	COMR00	2092711	25061	25065	9046	-110
2279-	COMR00	2092712	25065	25069	9046	-110
2280-	COMR00	2092713	26861	26865	9046	-110
2281-	COMR00	2092714	26865	26869	9046	-110
2282-	COMR00	2092901	21363	25061	76	-085
2283-	COMR00	2092902	21364	25065	76	-085
2284-	COMR00	2092903	21366	25065	76	-080
2285-	COMR00	2092904	21367	25069	76	-080
2286-	COMR00	2092911	21363	21364	76	-359
2287-	COMR00	2092912	21366	21367	76	-359
2288-	COMR00	2092913	25061	25065	76	-359
2289-	COMR00	2092914	25065	25069	76	-359
2290-	COMR00	2092921	25061	26861	76	-099
2291-	COMR00	2092922	25065	26865	76	-207
2292-	COMR00	2092923	25065	26865	76	-207
2293-	COMR00	2092924	25069	26869	76	-099
2294-	COMR00	2092931	25061	25065	76	-183
2295-	COMR00	2092932	25065	25069	76	-183
2296-	COMR00	2092933	26861	26865	76	-183
2297-	COMR00	2092934	26865	26869	76	-183
2298-	COMR00	2092941	26861	29961	76	-064
2299-	COMR00	2092942	26865	29965	76	-181
2300-	COMR00	2092943	26865	29965	76	-181

2301-	COMR00	2092944	26869	29969	76	-086
2302-	COMR00	2092951	26861	26865	76	-303
2303-	COMR00	2092952	26865	26869	76	-303
2304-	COMR00	2092953	29961	29965	76	-303
2305-	COMR00	2092954	29965	29969	76	-303
2306-	COMR00	2100451	6169	7069	7075	-054
2307-	COMR00	2100452	7069	8569	7075	-054
2308-	COMR00	2100453	8569	9369	7075	-054
2309-	COMR00	2100551	9369	11569	7075	-054
2310-	COMR00	2100552	11569	13869	7075	-054
2311-	COMR00	2100553	13869	14869	7075	-064
2312-	COMR00	2100711	14869	18669	7075	-119
2313-	COMR00	2100901	6167	7067	7075	-084
2314-	COMR00	2100902	7067	8567	7075	-098
2315-	COMR00	2100903	8567	9367	7075	-113
2316-	COMR00	2100904	9367	11567	7075	-120
2317-	COMR00	2100905	11567	13867	7075	-121
2318-	COMR00	2100906	13867	14867	7075	-121
2319-	COMR00	2100907	6169	7069	7075	-084
2320-	COMR00	2100908	7069	8569	7075	-098
2321-	COMR00	2100909	8569	9369	7075	-113
2322-	COMR00	2100910	9369	11569	7075	-120
2323-	COMR00	2100911	11569	13869	7075	-121
2324-	COMR00	2100912	13869	14869	7075	-121
2325-	COMR00	2100913	6167	7067	7075	-153
2326-	COMR00	2100914	7067	8567	7075	-153
2327-	COMR00	2100915	8567	9367	7075	-153
2328-	COMR00	2100916	9367	11567	7075	-232
2329-	COMR00	2100917	11567	13867	7075	-232
2330-	COMR00	2100918	13867	14867	7075	-190
2331-	COMR00	2100919	6169	7069	7075	-295
2332-	COMR00	2100920	7069	8569	7075	-295
2333-	COMR00	2100921	8569	9369	7075	-267
2334-	COMR00	2100922	9369	11569	7075	-267
2335-	COMR00	2100923	11569	13869	7075	-260
2336-	COMR00	2100924	13869	14869	7075	-260
2337-	COMR00	2110101	6131	7031	7075	-059
2338-	COMR00	2110102	7031	8531	7075	-187
2339-	COMR00	2110103	8531	9331	7075	-189
2340-	COMR00	2110104	9331	11531	7075	-193
2341-	COMR00	2110105	11531	13831	7075	-243
2342-	COMR00	2110106	13831	14831	7075	-248
2343-	COMR00	2110107	14831	15331	7075	-174
2344-	COMR00	2110501	9337	11537	7075	-109
2345-	COMR00	2110502	11537	13837	7075	-109
2346-	COMR00	2110503	13837	14837	7075	-109
2347-	COMR00	2110504	9339	11539	7075	-109
2348-	COMR00	2110505	11539	13839	7075	-109
2349-	COMR00	2110506	13839	14839	7075	-109
2350-	COMR00	2110507	9337	11537	7075	-361
2351-	COMR00	2110508	11537	13837	7075	-361
2352-	COMR00	2110509	13837	14837	7075	-370
2353-	COMR00	2110510	14837	15337	7075	-370
2354-	COMR00	2110511	15337	16837	7075	-157
2355-	COMR00	2110512	16837	17837	7075	-157
2356-	COMR00	2110531	6139	7039	7075	-059
2357-	COMR00	2110532	7039	8539	7075	-187
2358-	COMR00	2110533	8539	9339	7075	-190
2359-	COMR00	2110534	9339	11539	7075	-193
2360-	COMR00	2110535	11539	13839	7075	-243
2361-	COMR00	2110536	13839	14839	7075	-247
2362-	COMR00	2110537	14839	15339	7075	-166
2363-	COMR00	2110701	9331	11531	7075	-109
2364-	COMR00	2110702	11531	13831	7075	-109
2365-	COMR00	2110703	13831	14831	7075	-109
2366-	COMR00	2110704	14831	15331	7075	-109

2367-	COM000	2110705	11533	13833	2024	-109
2368-	COM000	2110706	13833	14833	2024	-109
2369-	COM000	2110707	9333	9333	2024	-361
2370-	COM000	2110708	11531	11533	2024	-361
2371-	COM000	2110709	11531	11533	2024	-370
2372-	COM000	2110710	13831	13833	2024	-370
2373-	COM000	2110711	13831	13833	2024	-157
2374-	COM000	2110712	14831	14833	2024	-157
2375-	COM000	2120101	13823	14823	2024	-133
2376-	COM000	2120102	13827	14827	2024	-133
2377-	COM000	2120103	13823	14827	2024	-392
2378-	COM000	2130104	14823	14827	2024	-392
2379-	COM000	2132123	21321	21323	2024	-392
2380-	COM000	2132151	21321	21341	2024	-399
2381-	COM000	2132325	21323	21325	2024	-399
2382-	COM000	2132327	21325	21327	2024	-302
2383-	COM000	2132729	21327	21329	2024	-302
2384-	COM000	2132949	21329	21349	2024	-309
2385-	COM000	2134143	21341	21343	2024	-131
2386-	COM000	2134161	21341	21361	2024	-182
2387-	COM000	2134365	21343	21345	2024	-131
2388-	COM000	2134547	21345	21347	2024	-131
2389-	COM000	2134749	21347	21349	2024	-131
2390-	COM000	2134949	21349	21369	2024	-182
2391-	COM000	2136163	21361	21363	2024	-101
2392-	COM000	2136364	21363	21364	2024	-101
2393-	COM000	2136466	21364	21366	2024	-101
2394-	COM000	2136467	21366	21367	2024	-101
2395-	COM000	2136769	21367	21369	2024	-101
2396-	COM000	2170091	9337	11537	2024	-052
2397-	COM000	2170092	11537	13837	2024	-052
2398-	COM000	2170101	9333	11533	2024	-052
2399-	COM000	2170102	11533	13833	2024	-052
2400-	COM000	2170171	9333	11533	2024	-027
2401-	COM000	2170172	11533	13833	2024	-027
2402-	COM000	2170191	9333	9337	2024	-032
2403-	COM000	2170271	13833	13837	2024	-032
2404-	COM000	2170291	9337	11537	2024	-027
2405-	COM000	2170292	11537	13837	2024	-027
2406-	COM000	2171101	9333	11533	2024	-053
2407-	COM000	2171102	11533	13833	2024	-053
2408-	COM000	2171103	9337	11537	2024	-053
2409-	COM000	2171104	11537	13837	2024	-053
2410-	COM000	2171105	9333	9337	2024	-109
2411-	COM000	2171106	11533	11537	2024	-109
2412-	COM000	2171107	11533	11537	2024	-183
2413-	COM000	2171108	13833	13837	2024	-183
2414-	COM000	2173301	9333	11533	2024	-028
2415-	COM000	2173302	11533	13833	2024	-028
2416-	COM000	2173303	9337	11537	2024	-028
2417-	COM000	2173304	11537	13837	2024	-028
2418-	COM000	2173305	9333	9337	2024	-075
2419-	COM000	2173306	11533	11537	2024	-075
2420-	COM000	2173307	11533	11537	2024	-131
2421-	COM000	2173308	13833	13837	2024	-131
2422-	COM000	2190271	9313	9317	2024	-046
2423-	COM000	2190311	9313	11503	2024	-196
2424-	COM000	2190312	11503	13803	2024	-196
2425-	COM000	2190313	9317	11507	2024	-196
2426-	COM000	2190314	11507	13807	2024	-196
2427-	COM000	2190431	13803	13807	2024	-047
2428-	COM000	2191501	9313	9317	2024	-233
2429-	COM000	2191502	11503	11507	2024	-233
2430-	COM000	2191503	9313	11503	2024	-186
2431-	COM000	2191504	9317	11507	2024	-186
2432-	COM000	2191505	11503	11507	2024	-238



2431-	CONRAD	2191506	13603	13607	2324	-216
2434-	CONRAD	2191507	11503	13903	2324	-186
2435-	CONRAD	2191508	11507	13807	2324	-186
2436-	CONRAD	2191901	9313	9317	2324	-277
2437-	CONRAD	2191902	11503	11507	2324	-272
2438-	CONRAD	2191903	9313	11503	2324	-344
2439-	CONRAD	2191904	9317	11507	2324	-344
2440-	CONRAD	2191905	11503	11507	2324	-379
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2442-	CONRAD	2191907	11503	13803	2324	-344
2443-	CONRAD	2191908	11507	13807	2324	-344
2444-	CONRAD	2200101	13601	14601	2324	-074
2445-	CONRAD	2200102	13603	14603	2324	-074
2446-	CONRAD	2200103	13601	13603	2324	-123
2447-	CONRAD	2200104	14601	14603	2324	-123
2448-	CONRAD	2200111	13603	14603	2324	-250
2449-	CONRAD	2200112	13607	14607	2324	-250
2450-	CONRAD	2200113	13603	13607	2324	-123
2451-	CONRAD	2200114	14603	14607	2324	-123
2452-	CONRAD	2200121	13607	14607	2324	-074
2453-	CONRAD	2200122	13609	14609	2324	-074
2454-	CONRAD	2200123	13607	13809	2324	-123
2455-	CONRAD	2200124	14607	14609	2324	-123
2456-	CONRAD	2200301	22707	25007	2324	-079
2457-	CONRAD	2200302	22709	25009	2324	-079
2458-	CONRAD	2200303	22707	22709	2324	-280
2459-	CONRAD	2200304	25007	25009	2324	-280
2460-	CONRAD	2200311	22709	25009	2324	-097
2461-	CONRAD	2200312	22729	25029	2324	-097
2462-	CONRAD	2200313	22709	25029	2324	-280
2463-	CONRAD	2200314	25009	25029	2324	-280
2464-	CONRAD	2200431	13609	14609	2324	-046
2465-	CONRAD	2200441	13601	14601	2324	-046
2466-	CONRAD	2200551	15607	18607	7075	-117
2467-	CONRAD	2200561	15603	18603	7075	-117
2468-	CONRAD	2200571	22707	25007	7075	-117
2469-	CONRAD	2200581	22703	25003	7075	-117
2470-	CONRAD	2200591	14607	21807	7075	-117
2471-	CONRAD	2200601	18603	21803	7075	-117
2472-	CONRAD	2201151	25003	25007	7075	-119
2473-	CONRAD	2201171	25003	26301	7075	-116
2474-	CONRAD	2201191	25007	26809	7075	-116
2475-	CONRAD	2206101	13609	14639	2324	-131
2476-	CONRAD	2206102	13629	14629	2324	-131
2477-	CONRAD	2206103	13609	13629	2324	-157
2478-	CONRAD	2206104	14609	14629	2324	-157
2479-	CONRAD	2206201	13621	14621	2324	-131
2480-	CONRAD	2206202	13601	14601	2324	-131
2481-	CONRAD	2206203	13621	13801	2324	-157
2482-	CONRAD	2206204	14621	14801	2324	-157
2483-	CONRAD	2206701	22721	25021	2324	-097
2484-	CONRAD	2206702	22701	25001	2324	-097
2485-	CONRAD	2206703	22721	22701	2324	-280
2486-	CONRAD	2206704	25021	25001	2324	-280
2487-	CONRAD	2206711	22701	25001	2324	-064
2488-	CONRAD	2206712	22703	25003	2324	-064
2489-	CONRAD	2206713	22701	22703	2324	-280
2490-	CONRAD	2206714	25001	25003	2324	-280
2491-	CONRAD	2207101	18607	21807	2324	-077
2492-	CONRAD	2207102	18609	21809	2324	-077
2493-	CONRAD	2207103	18607	18609	2324	-409
2494-	CONRAD	2207104	21807	21809	2324	-409
2495-	CONRAD	2207111	18609	21809	2324	-092
2496-	CONRAD	2207112	18629	21329	2324	-092
2497-	CONRAD	2207113	18609	18629	2324	-378
2498-	CONRAD	2207114	21809	21329	2324	-378

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2502-	COMR00	2207204	21321	21801	2024	.378
2503-	COMR00	2207211	18601	21801	2024	.077
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2506-	COMR00	2207214	21801	21803	2024	.409
2507-	COMR00	2207201	15621	18601	2024	.089
2508-	COMR00	2207202	15601	18601	2024	.089
2509-	COMR00	2207203	15621	15601	2024	.373
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2515-	COMR00	2207221	15603	18603	2024	.241
2516-	COMR00	2207222	15607	18607	2024	.241
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2518-	COMR00	2207224	18603	18607	2024	.373
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2522-	COMR00	2207234	18607	18609	2024	.373
2523-	COMR00	2207241	15609	18609	2024	.089
2524-	COMR00	2207242	15629	18629	2024	.089
2525-	COMR00	2207243	15609	15629	2024	.373
2526-	COMR00	2207244	18609	18629	2024	.373
2527-	COMR00	2207245	9333	9337	7075	.108
2528-	COMR00	2500103	25001	25003	2024	.039
2529-	COMR00	2500171	6161	7061	7075	.104
2530-	COMR00	2500172	7061	8561	7075	.104
2531-	COMR00	2500173	8561	9361	7075	.054
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2533-	COMR00	2500709	25007	25009	2024	.039
2534-	COMR00	2500911	9361	11561	7075	.053
2535-	COMR00	2500912	11561	13861	7075	.050
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2537-	COMR00	2500929	25009	25029	2024	.039
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2542-	COMR00	2502529	25025	25029	7075	.299
2543-	COMR00	2502949	25029	25049	7075	.266
2544-	COMR00	2504161	25041	25061	7075	.266
2545-	COMR00	2504969	25049	25069	7075	.266
2546-	COMR00	2506165	25061	25085	7075	.489
2547-	COMR00	2506569	25065	25089	7075	.489
2548-	COMR00	2507701	6161	7061	2024	.084
2549-	COMR00	2507702	7061	8561	2024	.098
2550-	COMR00	2507703	8561	9361	2024	.113
2551-	COMR00	2507704	9361	11561	2024	.120
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2555-	COMR00	2507708	16861	18661	2024	.098
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2557-	COMR00	2507710	20661	22661	2024	.113
2558-	COMR00	2507711	22661	24661	2024	.121
2559-	COMR00	2507712	24661	26661	2024	.121
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2561-	COMR00	2507714	28661	30661	2024	.153
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2565-	COMB00	2507718 9361	9361	2024	-190
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2567-	COMB00	2507720 11561	11561	2024	-205
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2631-	COMROD	5850811	4661	4661	2024	-053	MEB
2632-	COMROD	5850812	4661	4631	2024	0	MEB
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2634-	COMROD	5850814	4633	4637	2024	-053	MEB
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2636-	COMROD	5850816	4639	4669	2024	-053	MEB
2637-	COMROD	5850817	4669	4669	2024	-053	MEB
2638-	COMROD	5850818	4669	4661	2024	-053	MEB
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2645-	COMROD	6222812	62213	62811	2014	-1875	MEB
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2650-	COMROD	6222832	62231	62831	2014	-02598	MEB
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2656-	COMROD	6283421	62821	63421	2014	-124010	MEB
2657-	COMROD	6283422	62821	63421	2014	-26034	MEB
2658-	COMROD	6283428	62829	63429	2014	-26034	MEB
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2668-	COMROD	6344221	63421	64221	2014	-40412	MEB
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2697-	CONROD	6505411	65031	65931	2014	-0.2329	ME3
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2699-	CONROD	6505419	65039	65939	2014	-1.4855	CAP
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2707-	CONROD	7222838	72239	72839	2014	-0.2598	MEB
2708-	CONROD	7283411	72811	73411	2014	-4.1152	CAP
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2711-	CONROD	7283419	72819	73419	2014	-4.0783	CAP
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2715-	CONROD	7283431	72831	73431	2014	-1.23429	CAP
2716-	CONROD	7283432	72831	73431	2014	-1.0275	CAP
2717-	CONROD	7283438	72839	73439	2014	-0.2788	MEB
2718-	CONROD	7283439	72839	73439	2014	-1.5361	CAP
2719-	CONROD	7344211	73411	74211	2014	-4.0701	CAP
2720-	CONROD	7344212	73411	74211	2014	-1.7038	MEB
2721-	CONROD	7344218	73419	74219	2014	-1.7038	MEB
2722-	CONROD	7344219	73419	74219	2014	-4.0412	CAP
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2724-	CONROD	7344222	73421	74221	2014	-21.200	MEB
2725-	CONROD	7344223	73429	74229	2014	-23.200	MEB
2726-	CONROD	7344229	73429	74229	2014	-9.8586	CAP
2727-	CONROD	7344231	73431	74231	2014	-1.0213	CAP
2728-	CONROD	7344232	73431	74231	2014	-0.2642	MEB
2729-	CONROD	7344238	73439	74239	2014	-0.2642	MEB
2730-	CONROD	7344239	73439	74239	2014	-1.9210	CAP
2731-	CONROD	7425011	74211	75011	2014	-4.0060	CAP
2732-	CONROD	7425012	74211	75011	2014	-1.44	MEB
2733-	CONROD	7425018	74211	75011	2014	-1.44	MEB
2734-	CONROD	7425019	74219	75019	2014	-3.9860	CAP
2735-	CONROD	7425021	74221	75021	2014	-5.0055	CAP
2736-	CONROD	7425022	74221	75021	2014	-5.0055	CAP
2737-	CONROD	7425028	74229	75029	2014	-2.0207	MEB
2738-	CONROD	7425029	74229	75029	2014	-2.0207	MEB
2739-	CONROD	7425031	74231	75031	2014	-5.3473	CAP
2740-	CONROD	7425032	74231	75031	2014	-10.110	CAP
2741-	CONROD	7425038	74239	75039	2014	-0.2482	MEB
2742-	CONROD	7425039	74239	75039	2014	-0.2482	MEB
2743-	CONROD	7505911	75011	75911	2014	-1.5044	CAP
2744-	CONROD	7505912	75011	75911	2014	-3.9246	CAP
2745-	CONROD	7505918	75019	75919	2014	-1.18	MEB
2746-	CONROD	7505919	75019	75919	2014	-1.18	MEB
2747-	CONROD	7505921	75021	75921	2014	-3.9083	CAP
2748-	CONROD	7505922	75021	75921	2014	-4.3588	CAP
2749-	CONROD	7505928	75029	75929	2014	-1.7075	MEB
2750-	CONROD	7505929	75029	75929	2014	-1.7075	MEB
2751-	CONROD	7505931	75031	75931	2014	-4.4318	CAP
2752-	CONROD	7505932	75031	75931	2014	-1.0015	CAP
2753-	CONROD	7505938	75039	75939	2014	-0.2329	MEB
2754-	CONROD	7505939	75039	75939	2014	-0.2329	MEB
2755-	CONROD	9373	9373	9373	2014	-1.4855	CAP
2756-	COROLA	9377	9377	9377	11563		
2757-	COROLA	13849	13837	13867	11567		
2758-	COROLA	13871	13861	13871	14881		
2759-	COROLA	13879	13869	13879	14881		
2760-	COROLA	13879	13869	13879	14881		
2761-	COROLA	15623	15623	15623	16621		
2762-	COROLA	15637	15627	15637	16629		

2763-	CORDR	29945	29925	29965	31745	61.84	68.86	15.72	71.84	C 7071
2764-	CORDR	7071	0	7079	15.72	61.84	68.86	15.72	71.84	C 7071
2765-	LC 7071	98.69	17.65	67.23	15.72	61.84	68.86	15.72	71.84	C 7079
2766-	CORDR	7079	0	7079	15.72	61.84	68.86	15.72	71.84	C 7079
2767-	LC 7079	98.69	-17.65	67.23	15.72	61.84	68.86	15.72	71.84	C 7079
2768-	CORDR	8571	0	8526	16.72	64.64	83.33	16.72	74.64	C 8571
2769-	LC 8571	98.69	17.65	67.23	16.72	64.64	83.33	16.72	74.64	C 8571
2770-	CORDR	8579	0	8526	16.72	64.64	83.33	16.72	74.64	C 8579
2771-	LC 8579	98.69	-17.65	67.23	16.72	64.64	83.33	16.72	74.64	C 8579
2772-	CORDR	11571	0	11404	17.65	70.19	112.11	17.65	80.19	C 11571
2773-	LC 11571	152.27	17.64	77.57	17.65	70.19	112.11	17.65	80.19	C 11571
2774-	CORDR	11579	0	11404	17.65	70.19	112.11	17.65	80.19	C 11579
2775-	LC 11579	152.27	-17.64	77.57	17.65	70.19	112.11	17.65	80.19	C 11579
2776-	CORDR	463137	252024	4631	4639	4637	4633			
2777-	CORDR	463149	252024	4631	4641	4639	4637			
2778-	CORDR	464169	252024	4641	4641	4639	4637			
2779-	CORDR	612337	402024	6123	6133	6137	6127			
2780-	CORDR	613163	402024	6131	6141	6137	6127			
2781-	CORDR	613769	402024	6137	6147	6149	6139			
2782-	CORDR	614163	402024	6141	6151	6149	6139			
2783-	CORDR	614669	402024	6147	6157	6149	6139			
2784-	CORDR	930317	252024	9303	9313	9317	9307			
2785-	CORDR	931337	252024	9313	9323	9327	9317			
2786-	CORDR	931463	252024	9314	9324	9327	9317			
2787-	CORDR	931669	252024	9316	9326	9327	9317			
2788-	CORDR	931769	252024	9317	9327	9327	9317			
2789-	CORDR	931873	252024	9318	9328	9327	9317			
2790-	CORDR	931977	252024	9319	9329	9327	9317			
2791-	CORDR	932079	252024	9320	9330	9327	9317			
2792-	CORDR	932181	252024	9321	9331	9327	9317			
2793-	CORDR	932283	252024	9322	9332	9327	9317			
2794-	CORDR	932385	252024	9323	9333	9327	9317			
2795-	CORDR	932487	252024	9324	9334	9327	9317			
2796-	CORDR	932589	252024	9325	9335	9327	9317			
2797-	CORDR	932691	252024	9326	9336	9327	9317			
2798-	CORDR	932793	252024	9327	9337	9327	9317			
2799-	CORDR	932895	252024	9328	9338	9327	9317			
2800-	CORDR	932997	252024	9329	9339	9327	9317			
2801-	CORDR	933099	252024	9330	9340	9327	9317			
2802-	CORDR	933201	252024	9331	9341	9327	9317			
2803-	CORDR	933303	252024	9332	9342	9327	9317			
2804-	CORDR	933405	252024	9333	9343	9327	9317			
2805-	CORDR	933507	252024	9334	9344	9327	9317			
2806-	CORDR	933609	252024	9335	9345	9327	9317			
2807-	CORDR	933711	252024	9336	9346	9327	9317			
2808-	CORDR	933813	252024	9337	9347	9327	9317			
2809-	CORDR	933915	252024	9338	9348	9327	9317			
2810-	CORDR	934017	252024	9339	9349	9327	9317			
2811-	CORDR	934119	252024	9340	9350	9327	9317			
2812-	CORDR	934221	252024	9341	9351	9327	9317			
2813-	CORDR	934323	252024	9342	9352	9327	9317			
2814-	CORDR	934425	252024	9343	9353	9327	9317			
2815-	CORDR	934527	252024	9344	9354	9327	9317			
2816-	CORDR	934629	252024	9345	9355	9327	9317			
2817-	CORDR	934731	252024	9346	9356	9327	9317			
2818-	CORDR	934833	252024	9347	9357	9327	9317			
2819-	CORDR	934935	252024	9348	9358	9327	9317			
2820-	CORDR	935037	252024	9349	9359	9327	9317			
2821-	CORDR	935139	252024	9350	9360	9327	9317			
2822-	CORDR	935241	252024	9351	9361	9327	9317			
2823-	CORDR	935343	252024	9352	9362	9327	9317			
2824-	CORDR	935445	252024	9353	9363	9327	9317			
2825-	CORDR	935547	252024	9354	9364	9327	9317			
2826-	CORDR	935649	252024	9355	9365	9327	9317			
2827-	CORDR	935751	252024	9356	9366	9327	9317			
2828-	CORDR	935853	252024	9357	9367	9327	9317			







2961-	C SHEAR	1200114	164040	21441	25041	25061	21161
2962-	C SHEAR	1201211	121024	25033	25037	26804	26801
2963-	C SHEAR	1202312	82024	14869	16889	16889	16869
2964-	C SHEAR	1250272	82024	14861	16881	16881	16861
2965-	C SHEAR	1250912	162024	14869	16889	16889	16869
2966-	C SHEAR	1290171	167075	13843	14863	14863	13863
2967-	C SHEAR	1290191	167075	13843	14863	14863	13863
2968-	C SHEAR	1290411	167075	7033	8543	8543	7043
2969-	C SHEAR	1290412	167075	7043	8543	8543	7043
2970-	C SHEAR	1290371	167075	13837	14847	14847	13847
2971-	C SHEAR	1290591	257075	13946	14847	14847	13847
2972-	C SHEAR	1290691	407075	13837	14827	14827	13827
2973-	C SHEAR	1290692	407075	13827	14827	14827	13827
2974-	C SHEAR	1290894	407075	13837	14837	14837	13837
2975-	C SHEAR	1290751	167075	6137	7347	7347	6147
2976-	C SHEAR	1290752	167075	6147	7347	7347	6147
2977-	C SHEAR	1290753	167075	7047	8547	8547	7047
2978-	C SHEAR	1290771	127075	7047	8547	8547	7047
2979-	C SHEAR	1291451	207075	13807	14807	14807	13827
2980-	C SHEAR	1291252	207075	13827	14827	14827	13827
2981-	C SHEAR	1291271	207075	13903	14803	14803	13823
2982-	C SHEAR	1291272	207075	14823	14823	14823	13823
2983-	C SHEAR	1291371	167075	9347	11567	11567	9367
2984-	C SHEAR	1291371	167075	9347	11567	11567	9367
2985-	C SHEAR	1291312	167075	11567	13867	13867	11567
2986-	C SHEAR	1291411	257075	13807	14807	14807	13827
2987-	C SHEAR	1291512	257075	13827	14827	14827	13837
2988-	C SHEAR	1291414	257075	13837	14837	14837	13847
2989-	C SHEAR	1291415	257075	13846	14847	14847	13867
2990-	C SHEAR	1291491	167075	9333	11533	11533	9343
2991-	C SHEAR	1291492	167075	9343	11543	11543	9363
2992-	C SHEAR	1291493	167075	11533	13833	13833	11543
2993-	C SHEAR	1291494	167075	11543	13843	13843	11563
2994-	C SHEAR	1291591	167075	7033	8533	8543	7043
2995-	C SHEAR	1291592	167075	7043	8543	8543	7043
2996-	C SHEAR	1291831	167075	6133	7333	7043	6143
2997-	C SHEAR	1291832	167075	6143	7343	7063	6163
2998-	C SHEAR	1291833	167075	7033	8533	8543	7043
2999-	C SHEAR	1291934	167075	7043	8543	8543	7043
3000-	C SHEAR	1291435	167075	8533	9333	9343	8543
3001-	C SHEAR	1291836	167075	8543	9343	9343	8543
3002-	C SHEAR	1291851	167075	9337	11537	11547	9347
3003-	C SHEAR	1291852	167075	11537	13837	13847	11547
3004-	C SHEAR	1291981	407075	12803	14803	14823	13823
3005-	C SHEAR	1291982	407075	13923	14823	14833	13833
3006-	C SHEAR	1291993	407075	13833	14833	14843	13843
3007-	C SHEAR	1292011	167075	6137	7337	7047	6147
3008-	C SHEAR	1292012	167075	6147	7347	7067	6167
3009-	C SHEAR	1292013	167075	7037	8537	8547	7047
3010-	C SHEAR	1292014	167075	7047	8547	8547	7047
3011-	C SHEAR	1292015	167075	8537	9337	9347	8547
3012-	C SHEAR	1292016	167075	8547	9347	9347	8547
3013-	C SHEAR	1292050	257075	6137	7337	7047	6147
3014-	C SHEAR	1292051	257075	6147	7347	7067	6167
3015-	C SHEAR	1292052	257075	7037	8537	8547	7047
3016-	C SHEAR	1292053	257075	7047	8547	8547	7047
3017-	C SHEAR	1292054	257075	8537	9337	9347	8547
3018-	C SHEAR	1292055	257075	8547	9347	9347	8547
3019-	C SHEAR	1292056	257075	9337	11537	11547	9347
3020-	C SHEAR	1292057	257075	9347	11547	11547	9347
3021-	C SHEAR	1292058	257075	11537	13837	13847	11547
3022-	C SHEAR	1292059	257075	11547	13847	13867	11567
3023-	C SHEAR	1292090	257075	6133	7033	7043	6143
3024-	C SHEAR	1292091	257075	6143	7043	7043	6143
3025-	C SHEAR	1292092	257075	7033	8533	8543	7043
3026-	C SHEAR	1292093	257075	7043	8543	8543	7043
3027-	C SHEAR	1292094	257075	8533	9343	9343	8543

3027-	C SHEAR	1292095	257075	8543	9343	9163	8563
3028-	C SHEAR	1292096	257075	9333	11533	11543	9343
3029-	C SHEAR	1292097	257075	9163	11543	11563	9363
3030-	C SHEAR	1292098	257075	11533	13633	13643	11543
3031-	C SHEAR	1292099	257075	11563	13643	13663	11563
3032-	C SHEAR	1292101	257075	13633	14833	14823	13623
3033-	C SHEAR	1292102	257075	13623	14823	14843	13643
3034-	C SHEAR	1292103	257075	13643	14843	14863	13663
3035-	C SHEAR	1292104	257075	13663	14863	14883	13683
3036-	C SHEAR	1292105	257075	13683	14883	14903	13703
3037-	C SHEAR	1300291	259046	14823	15623	15633	14833
3038-	C SHEAR	1300331	129046	14823	15623	15633	14833
3039-	C SHEAR	1300332	129046	15623	18631	18641	15633
3040-	C SHEAR	1300333	129046	15633	18631	18651	15653
3041-	C SHEAR	1300335	129046	18643	18651	18656	14863
3042-	C SHEAR	1300351	329046	14823	15623	15633	14833
3043-	C SHEAR	1300391	200076	14823	15623	15633	14833
3044-	C SHEAR	1300392	200076	14823	15623	15633	14833
3045-	C SHEAR	1300394	200076	15623	18631	18641	15633
3046-	C SHEAR	1300395	200076	15633	18631	18651	15653
3047-	C SHEAR	1370052	407075	18654	18651	18656	14863
3048-	C SHEAR	1370053	407075	18659	19759	19769	18659
3049-	C SHEAR	1370054	407075	18659	19759	19769	18659
3050-	C SHEAR	1370062	407075	18651	19761	19761	18656
3051-	C SHEAR	1370063	407075	18656	19751	19761	18656
3052-	C SHEAR	1370064	407075	19741	21341	21361	18661
3053-	C SHEAR	1370231	127075	19749	21349	21369	19759
3054-	C SHEAR	1370241	127075	19741	21361	21361	19751
3055-	C SHEAR	1370352	407075	18654	19749	19759	18659
3056-	C SHEAR	1370353	407075	18659	19759	19769	18665
3057-	C SHEAR	1370362	407075	18651	19761	19761	18656
3058-	C SHEAR	1370363	407075	18656	19751	19761	18656
3059-	C SHEAR	1370351	169046	14827	15627	15637	14837
3060-	C SHEAR	1370411	200076	14827	15627	15637	14837
3061-	C SHEAR	1380412	200076	15627	18629	18639	15637
3062-	C SHEAR	1380414	200076	15637	18639	18649	15647
3063-	C SHEAR	1380415	200076	15647	18649	18659	15657
3064-	C SHEAR	1380431	409046	14827	15627	15637	14837
3065-	C SHEAR	1380431	129046	14827	15627	15637	14837
3066-	C SHEAR	1380432	129046	15627	18629	18639	15637
3067-	C SHEAR	1380454	129046	15637	18639	18649	15647
3068-	C SHEAR	1380455	129046	14847	18654	18659	14867
3069-	C SHEAR	1791612	322024	7061	8571	8571	8567
3070-	C SHEAR	1791613	322024	8561	9371	9371	8561
3071-	C SHEAR	1791614	322024	9361	9371	11571	11561
3072-	C SHEAR	1791615	322024	11561	11571	13671	13661
3073-	C SHEAR	1791616	322024	13661	13671	14881	14871
3074-	C SHEAR	1791632	322024	7069	8579	8579	8569
3075-	C SHEAR	1791633	322024	8569	8579	9379	9369
3076-	C SHEAR	1791634	322024	9369	9379	11579	11569
3077-	C SHEAR	1791635	322024	11569	11579	13679	13669
3078-	C SHEAR	1791636	322024	13669	13679	14889	14879
3079-	C SHEAR	1874251	1252014	10441	10451	10452	10442
3080-	C SHEAR	1874257	1252014	10452	10457	10463	10453
3081-	C SHEAR	1875256	1252014	10457	10463	10467	10457
3082-	C SHEAR	1875256	1252014	10463	10467	10467	10457
3083-	C SHEAR	1875257	1252014	10467	10467	10467	10457
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3090-	C SHEAR	1875257	1252014	10467	10467	10467	10457
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3092-	C SHEAR	2010531	162024	6131	7031	7033	6133

3093-	- SHEAR	2010532	162024	6133	7037	6137
3094-	- SHEAR	2010533	162024	6137	7039	6139
3095-	- SHEAR	2010534	162024	7031	8533	7033
3096-	- SHEAR	2010535	162024	7037	8539	7039
3097-	- SHEAR	2010536	162024	8531	9331	8533
3098-	- SHEAR	2010537	162024	8533	9337	8539
3099-	- SHEAR	2010538	162024	8537	9339	8539
3100-	- SHEAR	2010539	162024	8537	9339	8539
3101-	- SHEAR	2010672	122024	6133	6137	6637
3102-	- SHEAR	2010692	202024	4633	6137	4637
3103-	- SHEAR	2010694	202024	6131	7031	6133
3104-	- SHEAR	2010695	202024	6133	7033	6133
3105-	- SHEAR	2010696	202024	6137	7037	6137
3106-	- SHEAR	2010697	202024	7031	7039	6139
3107-	- SHEAR	2010699	202024	7031	8531	7033
3108-	- SHEAR	2010701	202024	7037	8539	7039
3109-	- SHEAR	2010702	202024	8531	9331	8533
3110-	- SHEAR	2010703	202024	8533	9337	8537
3111-	- SHEAR	2010704	202024	8537	9339	8539
3112-	- SHEAR	2010851	322024	6131	7031	6133
3113-	- SHEAR	2010852	322024	6133	7033	6137
3114-	- SHEAR	2010853	322024	6137	7037	6139
3115-	- SHEAR	2010854	322024	7031	8531	7033
3116-	- SHEAR	2010855	322024	7037	8539	7039
3117-	- SHEAR	2010856	322024	8531	9331	8533
3118-	- SHEAR	2010857	322024	8533	9337	8537
3119-	- SHEAR	2010858	322024	8537	9339	8539
3120-	- SHEAR	2020731	202024	9333	9337	9347
3121-	- SHEAR	2020732	202024	11543	11547	11547
3122-	- SHEAR	2020733	202024	13843	13847	13847
3123-	- SHEAR	2020734	202024	13843	13847	13847
3124-	- SHEAR	2020735	202024	9303	9307	13803
3125-	- SHEAR	2040471	509046	14821	15421	14829
3126-	- SHEAR	2040472	509046	14827	15427	14829
3127-	- SHEAR	2040473	509046	14827	15427	14829
3128-	- SHEAR	2040474	509046	14827	15427	14829
3129-	- SHEAR	2040475	509046	14827	15427	14829
3130-	- SHEAR	2040476	509046	14827	15427	14829
3131-	- SHEAR	2040477	509046	14827	15427	14829
3132-	- SHEAR	2040478	509046	14827	15427	14829
3133-	- SHEAR	2040479	509046	14827	15427	14829
3134-	- SHEAR	2040480	509046	14827	15427	14829
3135-	- SHEAR	2040481	509046	14827	15427	14829
3136-	- SHEAR	2040482	509046	14827	15427	14829
3137-	- SHEAR	2040483	509046	14827	15427	14829
3138-	- SHEAR	2040484	509046	14827	15427	14829
3139-	- SHEAR	2040485	509046	14827	15427	14829
3140-	- SHEAR	2040486	509046	14827	15427	14829
3141-	- SHEAR	2040487	509046	14827	15427	14829
3142-	- SHEAR	2040488	509046	14827	15427	14829
3143-	- SHEAR	2040489	509046	14827	15427	14829
3144-	- SHEAR	2040490	509046	14827	15427	14829
3145-	- SHEAR	2040491	509046	14827	15427	14829
3146-	- SHEAR	2040492	509046	14827	15427	14829
3147-	- SHEAR	2040493	509046	14827	15427	14829
3148-	- SHEAR	2040494	509046	14827	15427	14829
3149-	- SHEAR	2040495	509046	14827	15427	14829
3150-	- SHEAR	2040496	509046	14827	15427	14829
3151-	- SHEAR	2040497	509046	14827	15427	14829
3152-	- SHEAR	2040498	509046	14827	15427	14829
3153-	- SHEAR	2040499	509046	14827	15427	14829
3154-	- SHEAR	2040500	509046	14827	15427	14829
3155-	- SHEAR	2040501	509046	14827	15427	14829
3156-	- SHEAR	2040502	509046	14827	15427	14829
3157-	- SHEAR	2040503	509046	14827	15427	14829
3158-	- SHEAR	2040504	509046	14827	15427	14829

3154-	C SHEAR	206J912	100076	21323	21823	21825	21825	21825	21825
3160-	C SHEAR	206J913	100076	21375	21825	21827	21827	21827	21827
3161-	C SHEAR	206J914	100076	21327	21827	21829	21829	21829	21829
3162-	C SHEAR	2070271	162024	25021	26825	26825	26825	26825	26825
3163-	C SHEAR	2070272	162024	25025	26825	26829	26829	26829	26829
3164-	C SHEAR	2070651	82024	26821	26821	26821	26821	26821	26821
3165-	C SHEAR	2070652	82024	26825	26825	26825	26825	26825	26825
3166-	C SHEAR	2070771	162024	9343	11543	11547	11547	11547	11547
3167-	C SHEAR	2070772	162024	11543	13843	13847	13847	13847	13847
3168-	C SHEAR	2070773	162024	13843	14843	14847	14847	14847	14847
3169-	C SHEAR	2070811	122024	25021	26821	26825	26825	26825	26825
3170-	C SHEAR	2070812	122024	25025	26825	26829	26829	26829	26829
3171-	C SHEAR	2070871	162024	26821	26821	26821	26821	26821	26821
3172-	C SHEAR	2070872	162024	26825	26825	26825	26825	26825	26825
3173-	C SHEAR	2080114	82024	14887	16487	16489	16489	16489	16489
3174-	C SHEAR	2080131	82024	16481	18081	18083	18083	18083	18083
3175-	C SHEAR	2080132	82024	16483	18083	18085	18085	18085	18085
3176-	C SHEAR	2080133	82024	16485	18085	18087	18087	18087	18087
3177-	C SHEAR	2080134	82024	16487	18087	18089	18089	18089	18089
3178-	C SHEAR	2080791	162024	14881	16481	16483	16483	16483	16483
3179-	C SHEAR	2080795	162024	14887	16487	16489	16489	16489	16489
3180-	C SHEAR	2080796	162024	16481	18081	18083	18083	18083	18083
3181-	C SHEAR	2080797	162024	16483	18083	18085	18085	18085	18085
3182-	C SHEAR	2080798	162024	16485	18085	18087	18087	18087	18087
3183-	C SHEAR	2080799	162024	16487	18087	18089	18089	18089	18089
3184-	C SHEAR	2091252	169046	21363	23061	25065	25065	25065	25065
3185-	C SHEAR	2091254	169046	21366	25065	25069	25069	25069	25069
3186-	C SHEAR	2091256	169046	25061	26861	26865	26865	26865	26865
3187-	C SHEAR	2091257	169046	25065	26865	26869	26869	26869	26869
3188-	C SHEAR	2091258	169046	26861	29961	29965	29965	29965	29965
3189-	C SHEAR	2091259	169046	26865	29965	29969	29969	29969	29969
3190-	C SHEAR	2091278	129046	25061	26861	26865	26865	26865	26865
3191-	C SHEAR	2091279	129046	25065	26865	26869	26869	26869	26869
3192-	C SHEAR	2091292	200076	21343	23061	25065	25065	25065	25065
3193-	C SHEAR	2091294	200076	21346	25065	25069	25069	25069	25069
3194-	C SHEAR	2091296	200076	25061	26861	26865	26865	26865	26865
3195-	C SHEAR	2091297	200076	25065	26865	26869	26869	26869	26869
3196-	C SHEAR	2091298	200076	26861	29961	29965	29965	29965	29965
3197-	C SHEAR	2091299	200076	26865	29965	29969	29969	29969	29969
3198-	C SHEAR	2100891	322024	6167	6169	7069	7069	7069	7069
3199-	C SHEAR	2100892	322024	7067	7069	8569	8569	8569	8569
3200-	C SHEAR	2100893	322024	8567	8569	9369	9369	9369	9369
3201-	C SHEAR	2100894	322024	9367	9369	11569	11569	11569	11569
3202-	C SHEAR	2100895	322024	11567	11569	13869	13869	13869	13869
3203-	C SHEAR	2100896	322024	13867	13869	14869	14869	14869	14869
3204-	C SHEAR	2110051	322024	9337	9339	11539	11539	11539	11539
3205-	C SHEAR	2110052	322024	11537	11539	13839	13839	13839	13839
3206-	C SHEAR	2110053	322024	13837	13839	14839	14839	14839	14839
3207-	C SHEAR	2110071	322024	9331	9333	11533	11533	11533	11533
3208-	C SHEAR	2110072	322024	11531	11533	13833	13833	13833	13833
3209-	C SHEAR	2110073	322024	13831	13833	14833	14833	14833	14833
3210-	C SHEAR	2120011	407075	13823	14823	14827	14827	14827	14827
3211-	C SHEAR	2170111	162024	9333	11533	11537	11537	11537	11537
3212-	C SHEAR	2170112	162024	11533	13833	13837	13837	13837	13837
3213-	C SHEAR	2170331	122024	9333	11533	11537	11537	11537	11537
3214-	C SHEAR	2170332	122024	11533	13833	13837	13837	13837	13837
3215-	C SHEAR	2190151	202024	9313	11503	11507	11507	11507	11507
3216-	C SHEAR	2190152	202024	11503	13803	13807	13807	13807	13807
3217-	C SHEAR	2190191	252024	9313	11503	11507	11507	11507	11507
3218-	C SHEAR	2190192	252024	11503	13803	13807	13807	13807	13807
3219-	C SHEAR	2200411	322024	13829	14829	14809	14809	14809	14809
3220-	C SHEAR	2200621	322024	13821	14821	14801	14801	14801	14801
3221-	C SHEAR	2200671	252024	22721	25021	25001	25001	25001	25001
3222-	C SHEAR	2200672	252024	22701	25001	25003	25003	25003	25003
3223-	C SHEAR	2200711	252024	18429	21829	21809	21809	21809	21809
3224-	C SHEAR	2200715	252024	18607	21807	21809	21809	21809	21809

3225-	C SHEAR	2200721	252024	18601	21801	18601
3226-	C SHEAR	2200723	252024	18601	21803	18603
3227-	C SHEAR	2200771	252024	15621	18621	15601
3228-	C SHEAR	2200772	252024	15621	18621	15621
3229-	C SHEAR	2200773	252024	15621	18621	15621
3230-	C SHEAR	2200774	252024	15621	18621	15621
3231-	C SHEAR	2200775	252024	15621	18621	15621
3232-	C SHEAR	2201011	252024	18601	18601	15609
3233-	C SHEAR	2201012	252024	18601	18601	15609
3234-	C SHEAR	2201013	252024	18601	18601	15609
3235-	C SHEAR	2201031	252024	18601	18601	15609
3236-	C SHEAR	2201032	252024	18601	18601	15609
3237-	C SHEAR	2501771	322024	6161	6161	7061
3238-	C SHEAR	2501772	322024	6161	6161	7061
3239-	C SHEAR	2501773	322024	6161	6161	7061
3240-	C SHEAR	2501774	322024	6161	6161	7061
3241-	C SHEAR	2501775	322024	6161	6161	7061
3242-	C SHEAR	2501776	322024	6161	6161	7061
3243-	C SHEAR	2501777	322024	6161	6161	7061
3244-	C SHEAR	2501778	322024	6161	6161	7061
3245-	C SHEAR	2501779	322024	6161	6161	7061
3246-	C SHEAR	2501780	322024	6161	6161	7061
3247-	C SHEAR	2501781	322024	6161	6161	7061
3248-	C SHEAR	2501782	322024	6161	6161	7061
3249-	C SHEAR	2501783	322024	6161	6161	7061
3250-	C SHEAR	2501784	322024	6161	6161	7061
3251-	C SHEAR	2501785	322024	6161	6161	7061
3252-	C SHEAR	2501786	322024	6161	6161	7061
3253-	C SHEAR	2501787	322024	6161	6161	7061
3254-	C SHEAR	2501788	322024	6161	6161	7061
3255-	C SHEAR	2501789	322024	6161	6161	7061
3256-	C SHEAR	2501790	322024	6161	6161	7061
3257-	C SHEAR	2501791	322024	6161	6161	7061
3258-	C SHEAR	2501792	322024	6161	6161	7061
3259-	C SHEAR	2501793	322024	6161	6161	7061
3260-	C SHEAR	2501794	322024	6161	6161	7061
3261-	C SHEAR	2501795	322024	6161	6161	7061
3262-	C SHEAR	2501796	322024	6161	6161	7061
3263-	C SHEAR	2501797	322024	6161	6161	7061
3264-	C SHEAR	2501798	322024	6161	6161	7061
3265-	C SHEAR	2501799	322024	6161	6161	7061
3266-	C SHEAR	2501800	322024	6161	6161	7061
3267-	C SHEAR	2501801	322024	6161	6161	7061
3268-	C SHEAR	2501802	322024	6161	6161	7061
3269-	C SHEAR	2501803	322024	6161	6161	7061
3270-	C SHEAR	2501804	322024	6161	6161	7061
3271-	C SHEAR	2501805	322024	6161	6161	7061
3272-	C SHEAR	2501806	322024	6161	6161	7061
3273-	C SHEAR	2501807	322024	6161	6161	7061
3274-	C SHEAR	2501808	322024	6161	6161	7061
3275-	C SHEAR	2501809	322024	6161	6161	7061
3276-	C SHEAR	2501810	322024	6161	6161	7061
3277-	C SHEAR	2501811	322024	6161	6161	7061
3278-	C SHEAR	2501812	322024	6161	6161	7061
3279-	C SHEAR	2501813	322024	6161	6161	7061
3280-	C SHEAR	2501814	322024	6161	6161	7061
3281-	C SHEAR	2501815	322024	6161	6161	7061
3282-	C SHEAR	2501816	322024	6161	6161	7061
3283-	C SHEAR	2501817	322024	6161	6161	7061
3284-	C SHEAR	2501818	322024	6161	6161	7061
3285-	C SHEAR	2501819	322024	6161	6161	7061
3286-	C SHEAR	2501820	322024	6161	6161	7061
3287-	C SHEAR	2501821	322024	6161	6161	7061
3288-	C SHEAR	2501822	322024	6161	6161	7061
3289-	C SHEAR	2501823	322024	6161	6161	7061
3290-	C SHEAR	2501824	322024	6161	6161	7061

3291-	CTAMEN	1200111	163046	21321	21821	21341
3292-	CTAMEN	1200112	163046	21321	21821	21341
3293-	CTAMEN	1200131	323046	21321	21821	21341
3294-	CTAMEN	1200132	323046	21321	21821	21341
3295-	CTAMEN	1210470	507075	21366	21367	21367
3296-	CTAMEN	1210590	507075	21363	21364	21383
3297-	CTAMEN	1250231	82324	14869	14889	14489
3298-	CTAMEN	1250271	82324	14861	14881	14481
3299-	CTAMEN	1250911	162024	14869	14889	14489
3300-	CTAMEN	1290592	257075	13867	13867	13867
3301-	CTAMEN	1290693	407075	13837	13847	13848
3302-	CTAMEN	1291413	257075	13837	13847	13848
3303-	CTAMEN	1291416	257075	13867	14067	14067
3304-	CTAMEN	1300333	129046	14833	14833	14843
3305-	CTAMEN	1300393	200076	14833	14833	14843
3306-	CTAMEN	1330011	250057	26821	26801	29921
3307-	CTAMEN	1330012	250057	26801	29921	29905
3308-	CTAMEN	1330013	250057	26801	26809	29905
3309-	CTAMEN	1330014	250057	26809	29905	29929
3310-	CTAMEN	1330015	250057	26809	26429	29929
3311-	CTAMEN	1370091	407075	18649	19749	18654
3312-	CTAMEN	1370055	407075	19759	21369	19769
3313-	CTAMEN	1370061	407075	18641	19741	18651
3314-	CTAMEN	1370065	407075	19751	21361	19761
3315-	CTAMEN	1370232	127075	19759	21369	19769
3316-	CTAMEN	1370242	127075	19751	21361	19761
3317-	CTAMEN	1370351	407075	18649	19749	18654
3318-	CTAMEN	1370361	407075	18641	19741	18651
3319-	CTAMEN	1380121	402024	13801	13821	13821
3320-	CTAMEN	1380123	402024	13801	13823	13803
3321-	CTAMEN	1380413	200076	14837	15837	14847
3322-	CTAMEN	1380453	129046	14837	15837	14847
3323-	CTAMEN	1380927	402024	13809	13827	13809
3324-	CTAMEN	1480121	727075	14801	14821	14823
3325-	CTAMEN	1480123	727075	14801	14823	14803
3326-	CTAMEN	1480727	727075	14807	14827	14809
3327-	CTAMEN	1480927	727075	14809	14827	14829
3328-	CTAMEN	1540121	327075	15401	15421	15423
3329-	CTAMEN	1540123	327075	15401	15423	15403
3330-	CTAMEN	1540323	327075	15403	15423	15403
3331-	CTAMEN	1540325	327075	15403	15425	15407
3332-	CTAMEN	1540725	327075	15407	15425	15427
3333-	CTAMEN	1540727	327075	15407	15427	15409
3334-	CTAMEN	1540927	327075	15409	15427	15429
3335-	CTAMEN	1720011	1552014	21829	22318	21807
3336-	CTAMEN	1720012	1552014	21829	22318	21807
3337-	CTAMEN	1720013	1552014	22729	22318	22729
3338-	CTAMEN	1720014	1552014	22729	22318	22729
3339-	CTAMEN	1720015	1552014	21827	22318	21809
3340-	CTAMEN	1720016	1552014	21827	22318	21809
3341-	CTAMEN	1720017	1552014	22727	22318	22727
3342-	CTAMEN	1720018	1552014	22727	22318	22727
3343-	CTAMEN	1720021	1552014	21809	22318	22709
3344-	CTAMEN	1720022	1552014	21821	22312	21803
3345-	CTAMEN	1720023	1552014	21821	22312	22721
3346-	CTAMEN	1720024	1552014	22721	22312	22703
3347-	CTAMEN	1720025	1552014	21803	22312	22703
3348-	CTAMEN	1720026	1552014	21823	22312	21801
3349-	CTAMEN	1720027	1552014	21823	22312	22723
3350-	CTAMEN	1720028	1552014	22723	22312	22723
3351-	CTAMEN	1791611	322024	6161	7071	22701
3352-	CTAMEN	1791631	322024	6169	7079	7061
3353-	CTAMEN	1860121	129046	18601	18621	18623
3354-	CTAMEN	1860123	129046	18601	18623	18603
3355-	CTAMEN	1860323	129046	18603	18623	18625

3357-	CTAMEN	1860325	124046	186033	18627	18607
3358-	CTAMEN	1860725	124046	18607	18627	18607
3359-	CTAMEN	1860727	124046	18607	18627	18609
3360-	CTAMEN	1860927	124046	18609	18627	18629
3361-	CTAMEN	1863161	124046	18631	18627	18642
3362-	CTAMEN	1863363	124046	18633	18627	18644
3363-	CTAMEN	1863766	124046	18637	18627	18647
3364-	CTAMEN	1863968	124046	18639	18627	18649
3365-	CTAMEN	1864252	124046	18642	18627	18652
3366-	CTAMEN	1864753	124046	18647	18627	18653
3367-	CTAMEN	1865762	124046	18657	18627	18657
3368-	CTAMEN	1865867	124046	18658	18627	18658
3369-	CTAMEN	1866181	124046	18661	18627	18662
3370-	CTAMEN	1866485	124046	18664	18627	18665
3371-	CTAMEN	1866585	124046	18665	18627	18666
3372-	CTAMEN	1866889	124046	18668	18627	18669
3373-	CTAMEN	1867352	124046	18673	18627	18673
3374-	CTAMEN	1867853	124046	18678	18627	18678
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3423-	CTAMEN	2200712	252024	21329	21829	21809
3424-	CTAMEN	2200722	252024	21321	21821	21801
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3426-	CTAMEN	2201036	252024	25009	24809	24829
3427-	CTAMEN	2201037	252024	25007	24809	25009
3428-	CTAMEN	2201021	252024	22701	22721	22723
3429-	CTAMEN	2201023	252024	22701	22723	22703
3430-	CTAMEN	2201023	252024	22703	22725	22725
3431-	CTAMEN	2201025	252024	22703	22725	22707
3432-	CTAMEN	2201025	252024	22707	22725	22727
3433-	CTAMEN	2201027	252024	22707	22727	22709
3434-	CTAMEN	2201027	252024	22709	22727	22729
3435-	CTAMEN	2500121	252024	25001	25021	25025
3436-	CTAMEN	2500125	252024	25001	25025	25003
3437-	CTAMEN	2500125	252024	25003	25025	25007
3438-	CTAMEN	2500725	252024	25007	25025	25009
3439-	CTAMEN	2500925	252024	25009	25025	25029
3440-	CTAMEN	2501777	322024	14861	14863	18661
3441-	CTAMEN	2680121	282024	26801	26821	26825
3442-	CTAMEN	2680125	282024	26801	26825	26809
3443-	CTAMEN	2680925	282024	26809	26825	26829
3444-	CTAMEN	2990521	327075	29905	29921	29925
3445-	CTAMEN	2990525	327075	29905	29925	29929
3446-	CTAMEN	3790011	212024	14861	14881	14881
3447-	CTAMEN	5850301	100076	3341	4441	4441
3448-	CTAMEN	5850302	100076	3341	4441	4431
3449-	CTAMEN	5850303	100076	3341	4431	3331
3450-	CTAMEN	5850304	100076	3331	4431	4433
3451-	CTAMEN	5850306	100076	3339	4439	4437
3452-	CTAMEN	5850307	100076	3349	4439	3339
3453-	CTAMEN	5850308	100076	3349	4439	4439
3454-	CTAMEN	5850309	100076	3349	4439	4449
3455-	CTAMEN	5850322	100076	4661	6171	6161
3456-	CTAMEN	5850323	100076	4661	6161	4641
3457-	CTAMEN	5850324	100076	4661	6161	4641
3458-	CTAMEN	5850325	100076	4641	6161	4631
3459-	CTAMEN	5850326	100076	4641	6131	4631
3460-	CTAMEN	5850327	100076	4631	6131	4633
3461-	CTAMEN	5850328	100076	6131	6125	4633
3462-	CTAMEN	5850330	100076	6139	6127	4637
3463-	CTAMEN	5850331	100076	4639	6139	4637
3464-	CTAMEN	5850332	100076	6147	6149	4639
3465-	CTAMEN	5850333	100076	4649	6149	4639
3466-	CTAMEN	5850334	100076	4649	6149	4649
3467-	CTAMEN	5850335	100076	4649	6149	4649
3468-	CTAMEN	5850336	100076	4649	6179	6149
3469-	CTAMEN	5850501	100076	3341	4661	4661
3470-	CTAMEN	5850502	100076	3341	4661	4631
3471-	CTAMEN	5850503	100076	3341	4631	3331
3472-	CTAMEN	5850504	100076	3331	4631	4633
3473-	CTAMEN	5850506	100076	3339	4639	4637
3474-	CTAMEN	5850507	100076	3349	4639	3339
3475-	CTAMEN	5850508	100076	3349	4649	4639
3476-	CTAMEN	5850509	100076	3349	4649	4649
3477-	CTAMEN	5850522	100076	4661	6171	6161
3478-	CTAMEN	5850523	100076	4661	6161	4641
3479-	CTAMEN	5850524	100076	4641	6161	4641
3480-	CTAMEN	5850525	100076	4641	6161	4631
3481-	CTAMEN	5850526	100076	4641	6131	4631
3482-	CTAMEN	5850527	100076	4631	6131	4633
3483-	CTAMEN	5850528	100076	6131	6123	4633
3484-	CTAMEN	5850530	100076	6139	6127	4637
3485-	CTAMEN	5850531	100076	4639	6139	4637
3486-	CTAMEN	5850532	100076	4649	6139	4639
3487-	CTAMEN	5850533	100076	4649	6149	4639
3488-	CTAMEN	5850534	100076	6149	6149	4649





3557-	GR10	7061	0	70.79	12.80	60.38	0	456
3558-	GR10	7062	0	70.79	10.00	60.38	0	456
3559-	GR10	7063	0	70.79	-10.00	60.38	0	456
3560-	GR10	7064	0	70.79	-15.80	60.38	0	456
3561-	GR10	7065	0	70.79	15.72	61.84	7071	2456
3562-	GR10	7066	0	70.79	-15.72	61.84	7079	2456
3563-	GR10	7067	0	70.79	0	29.30	0	0
3564-	GR10	7068	0	70.79	0	70.00	0	456
3565-	GR10	7069	0	70.79	16.90	66.00	0	3456
3566-	GR10	7070	0	70.79	10.00	66.00	0	456
3567-	GR10	7071	0	70.79	-10.00	66.00	0	456
3568-	GR10	7072	0	70.79	-15.90	66.00	0	3456
3569-	GR10	7073	0	70.79	10.00	66.00	0	456
3570-	GR10	7074	0	70.79	-10.00	66.00	0	456
3571-	GR10	7075	0	70.79	10.00	66.00	0	456
3572-	GR10	7076	0	70.79	-10.00	66.00	0	456
3573-	GR10	7077	0	70.79	10.00	66.00	0	456
3574-	GR10	7078	0	70.79	-10.00	66.00	0	456
3575-	GR10	7079	0	70.79	10.00	66.00	0	456
3576-	GR10	7080	0	70.79	-10.00	66.00	0	456
3577-	GR10	7081	0	70.79	10.00	66.00	0	456
3578-	GR10	7082	0	70.79	-10.00	66.00	0	456
3579-	GR10	7083	0	70.79	10.00	66.00	0	456
3580-	GR10	7084	0	70.79	-10.00	66.00	0	456
3581-	GR10	7085	0	70.79	10.00	66.00	0	456
3582-	GR10	7086	0	70.79	-10.00	66.00	0	456
3583-	GR10	7087	0	70.79	10.00	66.00	0	456
3584-	GR10	7088	0	70.79	-10.00	66.00	0	456
3585-	GR10	7089	0	70.79	10.00	66.00	0	456
3586-	GR10	7090	0	70.79	-10.00	66.00	0	456
3587-	GR10	7091	0	70.79	10.00	66.00	0	456
3588-	GR10	7092	0	70.79	-10.00	66.00	0	456
3589-	GR10	7093	0	70.79	10.00	66.00	0	456
3590-	GR10	7094	0	70.79	-10.00	66.00	0	456
3591-	GR10	7095	0	70.79	10.00	66.00	0	456
3592-	GR10	7096	0	70.79	-10.00	66.00	0	456
3593-	GR10	7097	0	70.79	10.00	66.00	0	456
3594-	GR10	7098	0	70.79	-10.00	66.00	0	456
3595-	GR10	7099	0	70.79	10.00	66.00	0	456
3596-	GR10	7100	0	70.79	-10.00	66.00	0	456
3597-	GR10	7101	0	70.79	10.00	66.00	0	456
3598-	GR10	7102	0	70.79	-10.00	66.00	0	456
3599-	GR10	7103	0	70.79	10.00	66.00	0	456
3600-	GR10	7104	0	70.79	-10.00	66.00	0	456
3601-	GR10	7105	0	70.79	10.00	66.00	0	456
3602-	GR10	7106	0	70.79	-10.00	66.00	0	456
3603-	GR10	7107	0	70.79	10.00	66.00	0	456
3604-	GR10	7108	0	70.79	-10.00	66.00	0	456
3605-	GR10	7109	0	70.79	10.00	66.00	0	456
3606-	GR10	7110	0	70.79	-10.00	66.00	0	456
3607-	GR10	7111	0	70.79	10.00	66.00	0	456
3608-	GR10	7112	0	70.79	-10.00	66.00	0	456
3609-	GR10	7113	0	70.79	10.00	66.00	0	456
3610-	GR10	7114	0	70.79	-10.00	66.00	0	456
3611-	GR10	7115	0	70.79	10.00	66.00	0	456
3612-	GR10	7116	0	70.79	-10.00	66.00	0	456
3613-	GR10	7117	0	70.79	10.00	66.00	0	456
3614-	GR10	7118	0	70.79	-10.00	66.00	0	456
3615-	GR10	7119	0	70.79	10.00	66.00	0	456
3616-	GR10	7120	0	70.79	-10.00	66.00	0	456
3617-	GR10	7121	0	70.79	10.00	66.00	0	456
3618-	GR10	7122	0	70.79	-10.00	66.00	0	456
3619-	GR10	7123	0	70.79	10.00	66.00	0	456
3620-	GR10	7124	0	70.79	-10.00	66.00	0	456

3621-	GR10	13833	0	138-70	13-00	6-00	0	456
3622-	GR10	13837	0	138-73	-10-10	6-00	0	456
3623-	GR10	13839	0	138-70	-17-94	6-00	0	456
3624-	GR10	13841	0	138-70	17-94	6-00	0	1456
3625-	GR10	13843	0	138-70	13-00	6-00	0	456
3626-	GR10	13847	0	138-70	-10-00	6-00	0	456
3627-	GR10	13848	0	138-70	-10-00	6-00	0	456
3628-	GR10	13849	0	138-70	-10-00	6-00	0	456
3629-	GR10	13849	0	138-70	-17-94	6-00	0	13849
3630-	GR10	13849	0	138-70	18-00	6-00	0	456
3631-	GR10	13863	0	138-70	10-00	6-00	0	456
3632-	GR10	13867	0	138-70	10-00	6-00	0	456
3633-	GR10	13869	0	138-70	10-00	6-00	0	456
3634-	GR10	13871	0	138-70	10-00	6-00	0	456
3635-	GR10	13879	0	138-70	17-64	6-00	0	13871
3636-	GR10	14801	0	138-70	17-64	6-00	0	13879
3637-	GR10	14803	0	138-70	15-81	6-00	0	456
3638-	GR10	14807	0	138-70	13-00	6-00	0	456
3639-	GR10	14809	0	138-70	13-00	6-00	0	456
3640-	GR10	14821	0	138-70	15-81	6-00	0	456
3641-	GR10	14823	0	138-70	17-67	6-00	0	456
3642-	GR10	14827	0	138-70	13-00	6-00	0	456
3643-	GR10	14829	0	138-70	13-00	6-00	0	456
3644-	GR10	14831	0	138-70	17-67	6-00	0	456
3645-	GR10	14833	0	138-70	17-64	6-00	0	456
3646-	GR10	14837	0	138-70	13-00	6-00	0	456
3647-	GR10	14839	0	138-70	13-00	6-00	0	456
3648-	GR10	14841	0	138-70	17-94	6-00	0	456
3649-	GR10	14843	0	138-70	17-94	6-00	0	456
3650-	GR10	14847	0	138-70	10-00	6-00	0	1456
3651-	GR10	14849	0	138-70	10-00	6-00	0	456
3652-	GR10	14851	0	138-70	-17-99	6-00	0	456
3653-	GR10	14853	0	138-70	17-99	6-00	0	456
3654-	GR10	14857	0	138-70	13-00	6-00	0	456
3655-	GR10	14859	0	138-70	10-00	6-00	0	456
3656-	GR10	14861	0	138-70	-10-00	6-00	0	456
3657-	GR10	14883	0	138-70	-17-99	6-00	0	456
3658-	GR10	14887	0	138-70	17-64	6-00	0	456
3659-	GR10	14889	0	138-70	13-00	6-00	0	456
3660-	GR10	15212	0	138-70	-10-00	6-00	0	456
3661-	GR10	15218	0	138-70	13-00	6-00	0	456
3662-	GR10	15601	0	138-70	-13-30	6-00	0	456
3663-	GR10	15603	0	138-70	16-39	6-00	0	456
3664-	GR10	15607	0	138-70	10-00	6-00	0	456
3665-	GR10	15609	0	138-70	-10-00	6-00	0	456
3666-	GR10	15621	0	138-70	-10-00	6-00	0	456
3667-	GR10	15623	0	138-70	-10-00	6-00	0	456
3668-	GR10	15625	0	138-70	17-64	6-00	0	456
3669-	GR10	15627	0	138-70	11-55	6-00	0	456
3670-	GR10	15629	0	138-70	11-55	6-00	0	456
3671-	GR10	15631	0	138-70	-11-55	6-00	0	456
3672-	GR10	15637	0	138-70	-11-55	6-00	0	456
3673-	GR10	16483	0	138-70	17-64	6-00	0	456
3674-	GR10	16485	0	138-70	12-375	6-00	0	456
3675-	GR10	16487	0	138-70	12-375	6-00	0	456
3676-	GR10	16489	0	138-70	-17-64	6-00	0	456
3677-	GR10	17100	0	138-70	17-64	6-00	0	456
3678-	GR10	16401	0	138-70	15-41	6-00	0	456
3679-	GR10	16403	0	138-70	15-41	6-00	0	456
3680-	GR10	16407	0	138-70	9-31	6-00	0	456
3681-	GR10	16609	0	138-70	-9-31	6-00	0	456
3682-	GR10	16621	0	138-70	-15-61	6-00	0	456
3683-	GR10	16623	0	138-70	17-40	6-00	0	456
3684-	GR10	16625	0	138-70	10-00	6-00	0	456
3685-	GR10	16627	0	138-70	10-00	6-00	0	456
3686-	GR10	16629	0	138-70	-10-00	6-00	0	456

3687-	GR10	18631	0	186-25	17-70	46-00	0	456
3688-	GR10	18633	0	186-25	13-00	46-00	0	1456
3689-	GR10	18635	0	186-25	30	46-00	0	1456
3690-	GR10	18637	0	186-25	-17-70	46-00	0	456
3691-	GR10	18639	0	186-25	-17-70	46-00	0	0
3692-	GR10	18641	0	186-250	17-850	56-20	0	0
3693-	GR10	18642	0	186-250	15-850	56-20	0	0
3694-	GR10	18643	0	186-250	12-375	56-20	0	0
3695-	GR10	18644	0	186-250	5-790	56-20	0	0
3696-	GR10	18645	0	186-25	0	56-20	0	45
3697-	GR10	18646	0	186-250	-5-790	56-20	0	45
3698-	GR10	18647	0	186-250	-12-375	56-20	0	0
3699-	GR10	18648	0	186-250	-15-850	56-20	0	0
3700-	GR10	18649	0	186-250	-17-850	56-20	0	0
3701-	GR10	18651	0	186-250	17-150	58-39	0	0
3702-	GR10	18652	0	186-250	15-850	58-39	0	0
3703-	GR10	18653	0	186-250	-15-850	58-39	0	0
3704-	GR10	18654	0	186-250	-17-850	58-39	0	0
3705-	GR10	18656	0	186-250	17-850	63-12	0	0
3706-	GR10	18657	0	186-250	15-850	63-12	0	0
3707-	GR10	18658	0	186-250	-15-850	63-12	0	0
3708-	GR10	18659	0	186-250	-17-850	63-12	0	0
3709-	GR10	18661	0	186-250	17-850	65-60	0	0
3710-	GR10	18662	0	186-250	15-850	65-60	0	0
3711-	GR10	18663	0	186-250	12-375	65-60	0	0
3712-	GR10	18664	0	186-250	5-790	65-60	0	45
3713-	GR10	18665	0	186-25	0	65-60	0	45
3714-	GR10	18666	0	186-250	-5-790	65-60	0	45
3715-	GR10	18667	0	186-250	-12-375	65-60	0	0
3716-	GR10	18668	0	186-250	-15-850	65-60	0	0
3717-	GR10	18669	0	186-250	-17-850	65-60	0	0
3718-	GR10	18681	0	186-25	17-65	77-57	0	456
3719-	GR10	18683	0	186-25	12-375	77-57	0	456
3720-	GR10	18685	0	186-25	0	77-57	0	456
3721-	GR10	18687	0	186-25	-12-375	77-57	0	456
3722-	GR10	18689	0	186-25	-17-65	77-57	0	0
3723-	GR10	18693	0	189-94	12-375	77-57	0	0
3724-	GR10	18907	0	189-94	-12-375	77-57	0	0
3725-	GR10	19741	0	196-90	17-730	55-390	0	0
3726-	GR10	19742	0	196-90	10-090	54-75	0	0
3727-	GR10	19743	0	196-90	7-920	54-75	0	4
3728-	GR10	19745	0	196-90	0	54-75	0	45
3729-	GR10	19747	0	196-90	-7-920	54-75	0	0
3730-	GR10	19748	0	196-90	-10-090	54-75	0	0
3731-	GR10	19749	0	196-90	-17-730	55-390	0	0
3732-	GR10	19751	0	196-90	17-730	62-160	0	0
3733-	GR10	19752	0	196-90	10-090	62-16	0	0
3734-	GR10	19753	0	196-90	-10-090	62-16	0	0
3735-	GR10	19759	0	196-90	-17-730	62-160	0	0
3736-	GR10	19761	0	196-90	17-730	64-63	0	0
3737-	GR10	19762	0	196-90	10-090	64-63	0	0
3738-	GR10	19763	0	196-90	7-920	64-63	0	0
3739-	GR10	19765	0	196-90	0	64-63	0	45
3740-	GR10	19767	0	196-90	-7-920	64-63	0	0
3741-	GR10	19768	0	196-90	-10-090	64-63	0	0
3742-	GR10	19769	0	196-90	-17-730	64-63	0	0
3743-	GR10	21183	0	211-72	12-375	77-57	0	0
3744-	GR10	21187	0	211-72	-12-375	77-57	0	0
3745-	GR10	21321	0	213-94	16-86	35-97	0	456
3746-	GR10	21323	0	213-94	10-00	35-97	0	456
3747-	GR10	21325	0	213-94	0	35-97	0	456
3748-	GR10	21327	0	213-94	-10-00	35-97	0	456
3749-	GR10	21329	0	213-94	-16-86	35-97	0	0
3750-	GR10	21341	0	213-940	17-590	54-78	0	0
3751-	GR10	21343	0	213-940	12-000	54-78	0	0
3752-	GR10	21345	0	213-940	.000	54-78	0	0

3753-	CR10	21347	0	213-940	-12-000	54-76	0	456
3754-	CR10	21349	0	213-940	-17-590	54-78	0	456
3755-	CR10	21361	0	213-94	17-73	65-00	0	456
3756-	CR10	21363	0	213-94	12-375	65-00	0	456
3757-	CR10	21364	0	213-94	5-55	65-00	0	456
3758-	CR10	21366	0	213-94	-5-55	65-00	0	456
3759-	CR10	21367	0	213-94	-12-375	65-00	0	456
3760-	CR10	21369	0	213-94	-17-73	65-00	0	456
3761-	CR10	21383	0	213-94	12-375	77-57	0	456
3762-	CR10	21387	0	213-94	-12-375	77-57	0	456
3763-	CR10	21485	0	213-50	0	77-57	0	156
3764-	CR10	21801	0	218-97	13-98	29-00	0	456
3765-	CR10	21803	0	218-97	8-62	27-00	0	456
3766-	CR10	21807	0	218-97	-8-62	27-00	0	456
3767-	CR10	21809	0	218-97	-13-98	29-00	0	456
3768-	CR10	21821	0	218-97	16-72	35-97	0	456
3769-	CR10	21823	0	218-97	10-00	35-97	0	456
3770-	CR10	21825	0	218-97	0	35-97	0	456
3771-	CR10	21827	0	218-97	-10-00	35-97	0	456
3772-	CR10	21829	0	218-97	-16-72	35-97	0	456
3773-	CR10	22312	0	223-29	13-50	31-00	0	456
3774-	CR10	22318	0	223-29	-13-50	31-00	0	456
3775-	CR10	22701	0	227-62	13-42	29-00	0	456
3776-	CR10	22703	0	227-62	7-86	27-00	0	456
3777-	CR10	22707	0	227-62	-7-86	27-00	0	456
3778-	CR10	22709	0	227-62	-13-42	29-00	0	456
3779-	CR10	22721	0	227-62	16-43	35-97	0	456
3780-	CR10	22723	0	227-62	10-00	35-97	0	456
3781-	CR10	22725	0	227-62	0	35-97	0	456
3782-	CR10	22727	0	227-62	-13-42	35-97	0	456
3783-	CR10	22729	0	227-62	-16-43	35-97	0	456
3784-	CR10	23100	0	232-00	0	51-10	0	456
3785-	CR10	25001	0	250-00	11-63	29-00	0	456
3786-	CR10	25003	0	250-00	7-93	27-00	0	456
3787-	CR10	25007	0	250-00	-5-13	27-00	0	456
3788-	CR10	25009	0	250-00	-11-63	29-00	0	456
3789-	CR10	25021	0	250-00	15-52	35-97	0	456
3790-	CR10	25025	0	250-00	0	35-97	0	456
3791-	CR10	25029	0	250-00	-15-52	35-97	0	456
3792-	CR10	25041	0	250-00	16-20	52-59	0	456
3793-	CR10	25045	0	250-00	0	52-59	0	1456
3794-	CR10	25049	0	250-00	-16-20	52-59	0	456
3795-	CR10	25061	0	250-00	16-20	64-07	0	456
3796-	CR10	25065	0	250-00	0	64-07	0	456
3797-	CR10	25069	0	250-00	-16-20	64-07	0	456
3798-	CR10	26801	0	268-25	7-80	28-06	0	456
3799-	CR10	26809	0	268-25	-5-21	28-06	0	456
3800-	CR10	26821	0	268-25	14-56	35-97	0	456
3801-	CR10	26825	0	268-25	0	35-97	0	456
3802-	CR10	26829	0	268-25	-14-56	35-97	0	456
3803-	CR10	26841	0	268-25	14-56	51-49	0	456
3804-	CR10	26845	0	268-25	0	51-49	0	1456
3805-	CR10	26849	0	268-25	-14-56	51-49	0	456
3806-	CR10	26861	0	268-25	14-79	63-59	0	456
3807-	CR10	26865	0	268-25	0	63-59	0	456
3808-	CR10	26869	0	268-25	-14-79	63-59	0	456
3809-	CR10	29905	0	300-37	0	31-97	0	456
3810-	CR10	29921	0	300-37	11-92	35-97	0	456
3811-	CR10	29925	0	300-37	0	35-97	0	456
3812-	CR10	29929	0	300-37	-11-92	35-97	0	456
3813-	CR10	29941	0	299-53	14-29	49-38	0	456
3814-	CR10	29945	0	299-53	0	49-38	29945	1456
3815-	CR10	29949	0	299-53	-14-29	49-38	0	456
3816-	CR10	29961	0	298-70	12-29	62-80	0	456
3817-	CR10	29965	0	298-70	0	62-80	0	456
3818-	CR10	29969	0	298-70	-12-29	62-80	0	456

3819-	GR10	33045	0	299-570	-0	49-590	0	0
3820-	GR10	31745	0	317-715	-0	50-717	0	0
3821-	GR10	33845	0	338-814	-0	52-813	0	0
3822-	GR10	35945	0	359-514	-0	53-513	0	0
3823-	GR10	38045	0	380-624	-0	54-611	0	0
3824-	GR10	40141	0	401-33	31-25	55-910	0	0
3825-	GR10	40142	0	401-33	20-87	55-910	0	0
3826-	GR10	40143	0	401-33	9-68	55-910	0	0
3827-	GR10	40145	0	401-33	-0	55-910	0	0
3828-	GR10	40147	0	401-33	-0	55-910	0	0
3829-	GR10	40148	0	401-33	-0	55-910	0	0
3830-	GR10	40149	0	401-33	-0	55-910	0	0
3831-	GR10	42245	0	422-243	-0	57-209	0	0
3832-	GR10	46345	0	463-153	-0	58-508	0	0
3833-	GR10	48445	0	484-102	-0	59-809	0	0
3834-	GR10	48045	0	480-23	-0	75-40	0	0
3835-	GR10	49745	0	497-77	-0	83-82	0	0
3836-	GR10	50645	0	506-40	-0	92-37	0	0
3837-	GR10	51545	0	515-43	-0	100-91	0	0
3838-	GR10	52045	0	520-67	-0	109-44	0	0
3839-	GR10	61912	0	619-25	19-19	118-27	0	0
3840-	GR10	61913	0	619-25	19-19	65-60	0	0
3841-	GR10	61914	0	619-25	19-19	64-31	0	0
3842-	GR10	61916	0	619-25	19-19	63-12	0	0
3843-	GR10	61917	0	619-25	19-19	58-39	0	0
3844-	GR10	61918	0	619-25	19-19	57-39	0	0
3845-	GR10	61922	0	619-25	19-19	56-20	0	0
3846-	GR10	61923	0	619-25	19-19	63-04	0	0
3847-	GR10	61924	0	619-25	19-19	62-16	0	0
3848-	GR10	61926	0	619-25	19-19	61-35	0	0
3849-	GR10	61927	0	619-25	19-19	56-07	0	0
3850-	GR10	61928	0	619-25	19-19	55-39	0	0
3851-	GR10	61934	0	619-25	19-19	54-37	0	0
3852-	GR10	61935	0	619-25	19-19	55-42	0	0
3853-	GR10	61936	0	619-25	19-19	54-78	0	0
3854-	GR10	62211	0	622-11	22-19	54-08	0	0
3855-	GR10	62213	0	622-11	22-19	66-05	0	456
3856-	GR10	62217	0	622-11	22-19	64-31	0	0
3857-	GR10	62219	0	622-11	22-19	57-39	0	0
3858-	GR10	62221	0	622-11	22-19	56-06	0	456
3859-	GR10	62224	0	622-11	22-19	61-35	0	0
3860-	GR10	62226	0	622-11	22-19	56-07	0	0
3861-	GR10	62229	0	622-11	22-19	54-10	0	0
3862-	GR10	62231	0	622-11	22-19	56-35	0	0
3863-	GR10	62239	0	622-11	22-19	54-08	0	0
3864-	GR10	62811	0	628-11	28-00	66-05	0	456
3865-	GR10	62819	0	628-11	28-00	56-73	0	456
3866-	GR10	62821	0	628-11	28-00	63-95	0	456
3867-	GR10	62829	0	628-11	28-00	54-79	0	456
3868-	GR10	62831	0	628-11	28-00	54-91	0	456
3869-	GR10	62839	0	628-11	28-00	66-05	0	456
3870-	GR10	63419	0	634-19	34-00	57-49	0	456
3871-	GR10	63421	0	634-19	34-00	63-95	0	456
3872-	GR10	63429	0	634-19	34-00	55-50	0	456
3873-	GR10	63431	0	634-19	34-00	57-49	0	456
3874-	GR10	63439	0	634-19	34-00	55-34	0	456
3875-	GR10	64211	0	642-11	42-50	66-05	0	456
3876-	GR10	64219	0	642-11	42-50	58-36	0	456
3877-	GR10	64221	0	642-11	42-50	63-95	0	456
3878-	GR10	64229	0	642-11	42-50	56-50	0	456
3879-	GR10	64231	0	642-11	42-50	58-31	0	456
3880-	GR10	64239	0	642-11	42-50	56-28	0	456
3881-	GR10	65011	0	650-11	50-75	66-05	0	456

3885-	GA10	65017	193.47	51.75	51.75	0	456
3886-	GA10	65021	202.56	51.75	51.75	0	456
3887-	GA10	65029	202.56	51.75	51.75	0	456
3888-	GA10	65031	213.94	51.75	51.75	0	456
3889-	GA10	65039	213.94	51.75	51.75	0	456
3890-	GA10	65911	195.30	51.75	51.75	0	456
3891-	GA10	65919	195.30	51.75	51.75	0	456
3892-	GA10	65921	204.04	51.75	51.75	0	456
3893-	GA10	65929	204.04	51.75	51.75	0	456
3894-	GA10	65931	213.94	51.75	51.75	0	456
3895-	GA10	65939	213.94	51.75	51.75	0	456
3896-	GA10	71912	186.25	19.19	61.35	0	0
3897-	GA10	71913	186.25	19.19	61.35	0	0
3898-	GA10	71914	186.25	19.19	61.35	0	0
3899-	GA10	71916	186.25	19.19	61.35	0	0
3900-	GA10	71917	186.25	19.19	61.35	0	0
3901-	GA10	71918	186.25	19.19	61.35	0	0
3902-	GA10	71922	196.90	19.19	61.35	0	0
3903-	GA10	71923	196.90	19.19	61.35	0	0
3904-	GA10	71924	196.90	19.19	61.35	0	0
3905-	GA10	71926	196.90	19.19	61.35	0	0
3906-	GA10	71927	196.90	19.19	61.35	0	0
3907-	GA10	71928	196.90	19.19	61.35	0	0
3908-	GA10	71936	213.94	19.19	61.35	0	0
3909-	GA10	71935	213.94	19.19	61.35	0	0
3910-	GA10	71936	213.94	19.19	61.35	0	0
3911-	GA10	72211	186.93	22.19	61.35	0	456
3912-	GA10	72213	186.93	22.19	61.35	0	456
3913-	GA10	72217	186.93	22.19	61.35	0	0
3914-	GA10	72219	186.93	22.19	61.35	0	0
3915-	GA10	72221	186.93	22.19	61.35	0	0
3916-	GA10	72224	186.93	22.19	61.35	0	0
3917-	GA10	72226	186.93	22.19	61.35	0	0
3918-	GA10	72229	186.93	22.19	61.35	0	0
3919-	GA10	72231	213.94	22.19	61.35	0	0
3920-	GA10	72239	213.94	22.19	61.35	0	0
3921-	GA10	72811	186.25	24.00	55.50	0	456
3922-	GA10	72819	186.25	24.00	55.50	0	456
3923-	GA10	72821	186.25	24.00	55.50	0	456
3924-	GA10	72829	186.25	24.00	55.50	0	456
3925-	GA10	72831	186.25	24.00	55.50	0	456
3926-	GA10	72839	213.94	28.00	55.50	0	456
3927-	GA10	73411	189.62	34.00	61.35	0	456
3928-	GA10	73419	189.62	34.00	61.35	0	456
3929-	GA10	73421	189.62	34.00	61.35	0	456
3930-	GA10	73429	189.62	34.00	61.35	0	456
3931-	GA10	73431	213.94	34.00	55.50	0	456
3932-	GA10	73439	213.94	34.00	55.50	0	456
3933-	GA10	74211	181.55	42.50	61.35	0	456
3934-	GA10	74219	181.55	42.50	61.35	0	456
3935-	GA10	74221	201.08	42.50	61.35	0	456
3936-	GA10	74229	201.08	42.50	61.35	0	456
3937-	GA10	74231	213.94	42.50	58.31	0	456
3938-	GA10	74239	213.94	42.50	58.31	0	456
3939-	GA10	75011	193.42	50.75	61.35	0	456
3940-	GA10	75019	193.42	50.75	61.35	0	456
3941-	GA10	75021	202.56	50.75	61.35	0	456
3942-	GA10	75029	202.56	50.75	61.35	0	456
3943-	GA10	75031	213.94	50.75	59.11	0	456
3944-	GA10	75039	213.94	50.75	59.11	0	456
3945-	GA10	75911	195.30	59.00	61.35	0	456
3946-	GA10	75914	195.30	59.00	61.35	0	456
3947-	GA10	75921	204.04	59.00	61.35	0	456
3948-	GA10	75929	204.04	59.00	61.35	0	456
3949-	GA10	75931	213.94	59.00	59.91	0	456
3950-	GA10	75939	213.94	59.00	59.91	0	456

3951-	GR10	122400	224.100	-1	86.00	0	456
3952-	GR10	123467	234.42	-17.931	65.304	0	456
3953-	GR10	123487	234.069	-4.49	41.75	0	456
3954-	GR10	124800	248.00	0	46.00	0	456
3955-	GR10	125061	250.163	11.008	64.901	0	456
3956-	GR10	125065	250.164	-1.937	64.901	0	456
3957-	GR10	125067	250.163	-13.008	64.901	0	456
3958-	GR10	125183	253.326	11.731	80.438	0	456
3959-	GR10	126863	267.474	9.849	64.451	0	456
3960-	GR10	126867	267.474	-9.989	64.451	0	456
3961-	GR10	127200	272.800	0	86.00	0	456
3962-	GR10	149073	189.94	12.375	77.57	0	0
3963-	GR10	149077	189.94	-12.375	77.57	0	0
3964-	GR10	200070	200.00	0	70.00	0	0
3965-	GR10	200074	200.00	0	70.00	0	0
3966-	GR10	200078	200.00	0	70.00	0	0
3967-	GR10	200084	200.00	0	70.00	0	0
3968-	GR10	200086	200.00	0	70.00	0	0
3969-	GR10	200087	200.00	0	70.00	0	0
3970-	GR10	200095	200.00	0	70.00	0	0
3971-	GR10	200096	200.00	0	70.00	0	0
3972-	GR10	200101	200.00	0	70.00	0	0
3973-	GR10	200104	200.00	0	70.00	0	0
3974-	GR10	200114	200.00	0	70.00	0	0
3975-	GR10	200121	200.00	0	70.00	0	0
3976-	GR10	200129	200.00	0	70.00	0	0
3977-	GR10	200137	200.00	0	70.00	0	0
3978-	GR10	200145	200.00	0	70.00	0	0
3979-	GR10	200153	200.00	0	70.00	0	0
3980-	GR10	200155	200.00	0	70.00	0	0
3981-	GR10	211001	110.20	-40.00	7.35	0	0
3982-	GR10	211002	110.20	40.00	7.35	0	0
3983-	GR10	211073	211.72	12.375	77.57	0	0
3984-	GR10	211377	211.72	-12.375	77.57	0	0
3985-	GR10	214075	214.50	0	77.57	0	0
3986-	GR10	214901	149.43	-40.00	7.35	0	0
3987-	GR10	214902	149.43	40.00	7.35	0	0
3988-	GR10	215101	151.85	-25.00	26.00	0	0
3989-	GR10	215102	151.85	25.00	26.00	0	0
3990-	GR10	215201	152.45	-13.50	30.34	0	0
3991-	GR10	215202	152.45	13.50	30.34	0	0
3992-	GR10	222001	220.37	-40.00	7.35	0	0
3993-	GR10	222002	220.37	40.00	7.35	0	0
3994-	GR10	222201	222.67	-29.00	26.00	0	0
3995-	GR10	222202	222.67	29.00	26.00	0	0
3996-	GR10	222301	223.29	-13.50	31.00	0	0
3997-	GR10	222302	223.29	13.50	31.00	0	0
3998-	GR10	223401	234.92	-40.00	7.35	0	0
3999-	GR10	223402	234.92	40.00	7.35	0	0
4000-	GR10	520318	520.67	1.80	118.27	0	0
4001-	GR10	520024	520.67	2.42	118.27	0	0
4002-	GR10	520057	520.67	5.49	118.27	0	0
4003-	GR10	520045	520.67	6.5	118.27	0	0
4004-	GR10	520048	520.67	6.82	118.27	0	0
4005-	GR10	520079	520.67	7.90	118.27	0	0
4006-	GR10	520135	520.67	13.67	118.27	0	0
4007-	GR10	520159	520.67	13.88	118.27	0	0
4008-	GR10	520152	520.67	15.19	118.27	0	0
4009-	GR10	520185	520.67	18.468	118.27	0	0
4010-	MAT1	1	1.066	1.066	11.066	0	0
4011-	MAT1	10	1.0	1.0	11.0	0	0
4012-	MAT1	57	3.264	3.264	32	0	0
4013-	MAT1	76	3.264	3.264	32	0	0
4014-	MAT1	2014	10.564	10.564	11.066	0	0
4015-	MAT1	2024	10.564	10.564	11.066	0	0
4016-	MAT1	4130	29.064	29.064	11.066	0	0



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4081-	MPC	1000	15607	2	1.0	15218	2	-1.0	CM24LFG
4086-	MPC	1000	15218	4	-3.34	15218	0	-3.96	CM34LFG
4086-	MPC	1000	15207	4	1.0	15218	3	-1.0	CM12RFG
4087-	MPC	1000	15218	4	-3.50	15218	5	3.96	CM22RFG
4088-	MPC	1000	15623	1	1.0	15212	1	-1.0	CM32RFG
4089-	MPC	1000	15212	5	-5.63	15212	6	-1.83	CM12LFG
4090-	MPC	1000	15623	2	1.0	15212	2	-1.0	CM22LFG
4091-	MPC	1000	15212	4	5.63	15212	6	-3.96	CM32LFG
4092-	MPC	1000	15623	3	1.0	15212	3	-1.0	RFPOST6
4093-	MPC	1000	15212	4	1.83	15212	5	-1.0	LFPOST6
4094-	MPC	1000	15627	1	1.0	15218	1	-1.0	
4095-	MPC	1000	15218	5	-5.63	15218	6	1.83	
4096-	MPC	1000	15627	2	1.0	15218	2	-1.0	
4097-	MPC	1000	15218	4	5.63	15218	6	-3.96	
4098-	MPC	1000	15627	3	1.0	15218	3	-1.0	
4099-	MPC	1000	15218	4	-1.83	15218	5	3.96	
4100-	RFPOST6	1000	18683	6	1.0	18687	1	-0.40404	
4101-	MPC	1000	18683	1	-0.40404				
4102-	MPC	1000	18687	6	1.0	18683	4	-1.0	
4103-	MPC	1000	22312	1	1.0	222302	1	-1.0	
4104-	MPC	1000	22312	2	1.0	222302	2	-1.0	
4105-	MPC	1000	22312	3	1.0	222302	3	-1.0	
4106-	MPC	1000	22318	1	1.0	222301	1	-1.0	
4107-	MPC	1000	22318	2	1.0	222301	2	-1.0	
4108-	MPC	1000	22318	3	1.0	222301	3	-1.0	
4109-	MPC	1000	29921	1	1.0	30045	1	-1.0	
4110-	MPC	1000	30045	5	13.62	30045	6	11.92	
4111-	MPC	1000	29921	2	1.0	30045	2	-1.0	
4112-	MPC	1000	30045	4	-13.62	30045	6	-80	
4113-	MPC	1000	29921	3	1.0	30045	3	-1.0	
4114-	MPC	1000	30045	4	-11.92	30045	5	-80	
4115-	MPC	1000	29929	1	1.0	30045	1	-1.0	
4116-	MPC	1000	30045	5	13.62	30045	6	11.92	
4117-	MPC	1000	29929	2	1.0	30045	2	-1.0	
4118-	MPC	1000	30045	4	-13.62	30045	6	-80	
4119-	MPC	1000	29929	3	1.0	30045	3	-1.0	
4120-	MPC	1000	30045	4	11.92	30045	5	-80	
4121-	MPC	1000	29961	1	1.0	30045	1	-1.0	
4122-	MPC	1000	30045	5	-13.21	30045	6	12.29	
4123-	MPC	1000	29961	2	1.0	30045	2	-1.0	
4124-	MPC	1000	30045	4	13.21	30045	6	-87	
4125-	MPC	1000	29961	3	1.0	30045	3	-1.0	
4126-	MPC	1000	30045	4	-12.29	30045	5	-87	
4127-	MPC	1000	29969	1	1.0	30045	1	-1.0	
4128-	MPC	1000	30045	5	-13.21	30045	6	12.29	
4129-	MPC	1000	29969	2	1.0	30045	2	-1.0	
4130-	MPC	1000	30045	4	13.21	30045	6	-87	
4131-	MPC	1000	29969	3	1.0	30045	3	-1.0	
4132-	MPC	1000	30045	4	-12.29	30045	5	-87	
4133-	MPC	1000	61912	3	1.0	61913	3	-1.0	
4134-	MPC	1000	61912	4	1.0	61913	4	-1.0	
4135-	MPC	1000	61912	5	1.0	61913	5	-1.0	
4136-	MPC	1000	61913	1	1.0	61913	1	-1.0	
4137-	MPC	1000	61913	1	-481048	61914	1	-518952	
4138-	MPC	1000	61913	2	1.0	61914	2	-518952	
4139-	MPC	1000	61912	2	-481048	61914	2	-518952	
4140-	MPC	1000	61913	4	1.0	61914	2	-403226	
4141-	MPC	1000	61912	2	-403226	61914	2	-403226	
4142-	MPC	1000	61913	5	1.0	61914	1	-403226	
4143-	MPC	1000	61912	1	-403226	61913	3	-1.0	
4144-	MPC	1000	61914	3	1.0	61913	4	-1.0	
4145-	MPC	1000	61914	4	1.0	61913	5	-1.0	
4146-	MPC	1000	61914	5	1.0	61917	3	-1.0	
4147-	MPC	1000	61916	3	1.0	61917	4	-1.0	
4148-	MPC	1000	61916	4	1.0	61917	5	-1.0	

4149-	MPC	1000	61917	1	1.0	61918	1	-457078	MPCFRL1
4150-	MPFRL1		61916	1	-542922				
4151-	MPC	1000	61917	2	1.0	61918	2	-457078	MPCFRL2
4152-	MPFRL2		61916	2	-542922				
4153-	MPC	1000	61917	4	1.0	61918	2	-456621	MPCFRL4
4154-	MPFRL4		61916	2	-456621				
4155-	MPC	1000	61917	5	1.0	61918	1	-456621	MPCFRL5
4156-	MPFRL5		61916	1	-456621				
4157-	MPC	1000	61918	3	1.0	61917	3	-1.0	
4158-	MPC	1000	61918	4	1.0	61917	4	-1.0	
4159-	MPC	1000	61918	5	1.0	61917	5	-1.0	
4160-	MPC	1000	61922	3	1.0	61923	3	-1.0	
4161-	MPC	1000	61922	4	1.0	61923	4	-1.0	
4162-	MPC	1000	61922	5	1.0	61923	5	-1.0	
4163-	MPC	1000	61923	1	1.0	61924	1	-520710	MPCCRU1
4164-	MPCCR1		61922	1	-479290				
4165-	MPC	1000	61923	2	1.0	61924	2	-520710	MPCCRU2
4166-	MPCCR2		61922	2	-479290				
4167-	MPC	1000	61923	4	1.0	61924	2	-591716	MPCCRU4
4168-	MPCCR4		61922	4	-591716				
4169-	MPC	1000	61923	5	1.0	61924	1	-591716	MPCCRU5
4170-	MPCCR5		61922	1	-591716				
4171-	MPC	1000	61924	3	1.0	61923	3	-1.0	
4172-	MPC	1000	61924	4	1.0	61923	4	-1.0	
4173-	MPC	1000	61924	5	1.0	61923	5	-1.0	
4174-	MPC	1000	61926	3	1.0	61927	3	-1.0	
4175-	MPC	1000	61926	4	1.0	61927	4	-1.0	
4176-	MPC	1000	61926	5	1.0	61927	5	-1.0	
4177-	MPC	1000	61927	1	1.0	61928	1	-40	MPCCR1
4178-	MPCCR1		61926	1	-40				
4179-	MPC	1000	61927	2	1.0	61928	2	-40	MPCCR2
4180-	MPCCR2		61926	2	-40				
4181-	MPC	1000	61927	4	1.0	61928	2	-588235	MPCCR4
4182-	MPCCR4		61926	2	-588235				
4183-	MPC	1000	61927	5	1.0	61928	1	-588235	MPCCR5
4184-	MPCCR5		61926	1	-588235				
4185-	MPC	1000	61928	3	1.0	61927	3	-1.0	
4186-	MPC	1000	61928	4	1.0	61927	4	-1.0	
4187-	MPC	1000	61928	5	1.0	61927	5	-1.0	
4188-	MPC	1000	61934	3	1.0	61935	3	-1.0	
4189-	MPC	1000	61934	4	1.0	61935	4	-1.0	
4190-	MPC	1000	61934	5	1.0	61935	5	-1.0	
4191-	MPC	1000	61935	1	1.0	61936	1	-477612	MPCARC1
4192-	MPCARC1		61934	1	-477612				
4193-	MPC	1000	61935	2	1.0	61936	2	-477612	MPCARC2
4194-	MPCARC2		61934	2	-477612				
4195-	MPC	1000	61935	4	1.0	61936	2	-746269	MPCARC4
4196-	MPCARC4		61934	2	-746269				
4197-	MPC	1000	61935	5	1.0	61936	1	-746269	MPCARC5
4198-	MPCARC5		61934	1	-746269				
4199-	MPC	1000	61936	3	1.0	61935	3	-1.0	
4200-	MPC	1000	61936	4	1.0	61935	4	-1.0	
4201-	MPC	1000	61936	5	1.0	61935	5	-1.0	
4202-	MPC	1000	64229	4	1.0	64221	2	-13423	R 1/B 4
4203-	R 1/B 4		64229	2	-13423				
4204-	MPC	1000	64229	5	1.0	64219	3	-10493	R 1/B 5
4205-	R 1/B 5		64229	3	-10493				
4206-	MPC	1000	64229	6	1.0	64219	2	-10493	R 1/B 6
4207-	R 1/B 6		64229	2	-10493				
4208-	MPC	1000	65929	4	1.0	65921	2	-18182	R O/B 4
4209-	R O/B 4		65929	2	-18182				
4210-	MPC	1000	65929	5	1.0	65919	3	-11442	R O/B 5
4211-	R O/B 5		65929	3	-11442				
4212-	MPC	1000	65929	6	1.0	65919	2	-11442	R O/B 6
4213-	R O/B 6		65929	2	-11442				
4214-	MPC	1000	71912	3	1.0	71913	3	-1.0	

4215-	MP	1000	71912	4	1-0	71913	4	-1-0	MPCLU1
4216-	MP	1000	71912	5	1-0	71913	5	-1-0	
4217-	MP	1000	71913	1	1-0	71914	1	-518952	
4218-	MPCLU1	1000	71912	1	-581048				MPCLU2
4219-	MP	1000	71913	2	1-0	71914	2	-518952	
4220-	MPCLU2	1000	71912	2	-581048				MPCLU4
4221-	MP	1000	71913	4	1-0	71914	2	-403226	
4222-	MPCLU4	1000	71912	2	-403226				MPCLU5
4223-	MP	1000	71913	5	1-0	71914	1	-403226	
4224-	MPCLU5	1000	71912	1	-403226				
4225-	MP	1000	71913	3	1-0	71913	3	-1-0	
4226-	MP	1000	71914	4	1-0	71913	4	-1-0	
4227-	MP	1000	71914	5	1-0	71913	5	-1-0	
4228-	MP	1000	71916	3	1-0	71917	3	-1-0	
4229-	MP	1000	71916	4	1-0	71917	4	-1-0	
4230-	MP	1000	71916	5	1-0	71917	5	-1-0	
4231-	MP	1000	71917	1	1-0	71917	1	-1-0	MPCLL1
4232-	MPCLL1	1000	71916	1	-562922	71918	1	-457078	
4233-	MP	1000	71917	2	1-0	71918	2	-457078	MPCLL2
4234-	MPCLL2	1000	71916	2	-562922				
4235-	MP	1000	71917	4	1-0	71918	2	-456621	MPCLL4
4236-	MPCLL4	1000	71916	2	-566621				
4237-	MP	1000	71917	5	1-0	71918	1	-456621	MPCLL5
4238-	MPCLL5	1000	71916	1	-566621				
4239-	MP	1000	71918	3	1-0	71917	3	-1-0	
4240-	MP	1000	71918	4	1-0	71917	4	-1-0	
4241-	MP	1000	71918	5	1-0	71917	5	-1-0	
4242-	MP	1000	71922	3	1-0	71923	3	-1-0	
4243-	MP	1000	71922	4	1-0	71923	4	-1-0	
4244-	MP	1000	71922	5	1-0	71923	5	-1-0	
4245-	MP	1000	71923	1	1-0	71924	1	-520710	MPCLL1
4246-	MPCLL1	1000	71922	1	-479290	71924	2	-520710	MPCLL2
4247-	MP	1000	71923	2	1-0	71924	2	-520710	
4248-	MPCLL2	1000	71922	2	-479290				MPCLL4
4249-	MP	1000	71923	4	1-0	71924	2	-591716	
4250-	MPCLL4	1000	71922	2	-591716				MPCLL5
4251-	MP	1000	71923	5	1-0	71924	1	-591716	
4252-	MPCLL5	1000	71922	1	-591716				
4253-	MP	1000	71924	3	1-0	71923	3	-1-0	
4254-	MP	1000	71924	4	1-0	71923	4	-1-0	
4255-	MP	1000	71924	5	1-0	71923	5	-1-0	
4256-	MP	1000	71926	3	1-0	71927	3	-1-0	
4257-	MP	1000	71926	4	1-0	71927	4	-1-0	
4258-	MP	1000	71926	5	1-0	71927	5	-1-0	
4259-	MP	1000	71927	1	1-0	71928	1	-40	MPCLL1
4260-	MPCLL1	1000	71926	1	-60	71928	2	-40	MPCLL2
4261-	MP	1000	71927	2	1-0	71928	2	-580235	MPCLL4
4262-	MPCLL2	1000	71926	2	-60				MPCLL5
4263-	MP	1000	71927	4	1-0	71928	2	-580235	
4264-	MPCLL4	1000	71926	2	-580235				
4265-	MP	1000	71927	5	1-0	71928	1	-580235	
4266-	MPCLL5	1000	71926	1	-580235				
4267-	MP	1000	71928	3	1-0	71927	3	-1-0	
4268-	MP	1000	71928	4	1-0	71927	4	-1-0	
4269-	MP	1000	71928	5	1-0	71927	5	-1-0	
4270-	MP	1000	71934	3	1-0	71935	3	-1-0	
4271-	MP	1000	71934	4	1-0	71935	4	-1-0	
4272-	MP	1000	71934	5	1-0	71935	5	-1-0	
4273-	MP	1000	71935	1	1-0	71936	1	-477612	MPCLC1
4274-	MPCLC1	1000	71934	1	-522388				MPCLC2
4275-	MP	1000	71935	2	1-0	71936	2	-477612	
4276-	MPCLC2	1000	71934	2	-522388				MPCLC4
4277-	MP	1000	71935	4	1-0	71936	2	-746269	
4278-	MPCLC4	1000	71934	2	-746269				MPCLC5
4279-	MP	1000	71935	5	1-0	71936	1	-746269	
4280-	MPCLC5	1000	71934	1	-746269				

4281-	MPC	1000	71936	3	1.0	71935	3	-1.0	L 1/B 4
4282-	MPC	1000	71936	4	1.0	71935	4	-1.0	
4283-	MPC	1000	71936	5	1.0	71935	5	-1.0	
4284-	LL 1/B 4	1000	74229	4	1.0	74221	2	-1.0	
4285-	MPC	1000	74229	2	-1.0	74223	2	-1.0	
4286-	MPC	1000	74229	5	1.0	74219	3	-1.0	
4287-	LL 1/B 5	1000	74229	3	-1.0	74219	3	-1.0	
4288-	MPC	1000	74229	6	1.0	74219	2	-1.0	
4289-	LL 1/B 6	1000	74229	2	-1.0	74219	2	-1.0	
4290-	MPC	1000	74229	4	1.0	74221	2	-1.0	
4291-	LL 0/B 4	1000	75929	2	-1.0	75921	2	-1.0	
4292-	MPC	1000	75929	5	1.0	75919	3	-1.0	
4293-	LL 0/B 5	1000	75929	3	-1.0	75919	3	-1.0	
4294-	MPC	1000	75929	6	1.0	75919	2	-1.0	
4295-	LL 0/B 6	1000	75929	2	-1.0	75919	2	-1.0	
4296-	MPC	1000	122400	1	1.0	124800	1	-1.0	
4297-	MPC	1000	122400	2	1.0	124800	2	-1.0	
4298-	LFWDENG2	1000	124800	6	1.0	124800	3	-1.0	
4299-	MPC	1000	124800	3	1.0	124800	3	-1.0	
4300-	LFWDENG3	1000	124800	5	-1.0	124800	4	-1.0	
4301-	MPC	1000	124800	4	1.0	124800	5	-1.0	
4302-	MPC	1000	124800	5	1.0	124800	6	-1.0	
4303-	MPC	1000	124800	6	1.0	124800	1	-1.0	
4304-	MPC	1000	123467	1	1.0	25069	1	-1.0	
4305-	LFEM F1	1000	25065	1	-1.0	25069	1	-1.0	
4306-	MPC	1000	123467	2	1.0	25069	2	-1.0	
4307-	LFEM F2	1000	25069	1	-1.0	25069	1	-1.0	
4308-	MPC	1000	123467	3	1.0	25069	3	-1.0	
4309-	LFEM F3	1000	25065	3	-1.0	25069	3	-1.0	
4310-	MPC	1000	123467	1	1.0	124800	1	-1.0	
4311-	ENG A1	1000	124800	5	4.25	124800	6	-4.25	
4312-	MPC	1000	123467	2	1.0	124800	2	-1.0	
4313-	ENG A2	1000	124800	6	13.931	124800	4	-4.25	
4314-	MPC	1000	123467	3	1.0	124800	3	-1.0	
4315-	ENG A3	1000	124800	4	9.49	124800	5	-13.931	
4316-	MPC	1000	125063	1	-1.0	25061	1	-802963	
4317-	REM 41	1000	25065	1	-1.0	25061	1	-1.0	
4318-	MPC	1000	125063	2	1.0	25061	2	-1.0	
4319-	MPC	1000	125063	3	1.0	25061	3	-802963	
4320-	REM 43	1000	25065	3	-1.0	25065	3	-802963	
4321-	MPC	1000	125065	1	-1.0	25065	1	-802963	
4322-	ENG 31	1000	25069	1	-1.0	25069	1	-802963	
4323-	MPC	1000	125065	2	1.0	25065	2	-1.0	
4324-	MPC	1000	125065	3	1.0	25065	3	-802963	
4325-	ENG 33	1000	25069	3	-1.0	25069	3	-802963	
4326-	MPC	1000	125067	1	1.0	25069	1	-802963	
4327-	ENG 21	1000	25065	1	-1.0	25069	1	-802963	
4328-	MPC	1000	125067	2	1.0	25069	2	-1.0	
4329-	MPC	1000	125067	3	1.0	25069	3	-1.0	
4330-	MPC	1000	125383	1	1.0	124800	1	-1.0	
4331-	ENG 81	1000	124800	5	5.562	124800	6	11.731	
4332-	MPC	1000	125383	2	1.0	124800	2	-1.0	
4333-	ENG 82	1000	124800	6	-5.326	124800	4	-5.562	
4334-	MPC	1000	125383	3	1.0	124800	5	-1.0	
4335-	ENG 83	1000	124800	4	-11.731	124800	5	5.326	
4336-	MPC	1000	125387	1	1.0	124800	1	-1.0	
4337-	ENG C1	1000	124800	5	5.562	124800	6	-11.731	
4338-	MPC	1000	125387	2	1.0	124800	2	-1.0	
4339-	ENG C2	1000	124800	6	-5.326	124800	4	-5.562	
4340-	MPC	1000	125387	3	1.0	124800	3	-1.0	
4341-	ENG C3	1000	124800	4	11.731	124800	5	5.326	
4342-	MPC	1000	126863	1	1.0	26861	1	-0.75389	
4343-	REM 51	1000	26865	1	-1.0	26861	2	-1.0	
4344-	MPC	1000	126863	2	1.0	26861	2	-1.0	
4345-	MPC	1000	126863	3	1.0	26861	3	-0.75389	
4346-	REM 53	1000	26865	3	-1.0	26861	3	-0.75389	

4347-	MPC	1000	12667	1	1.0	2689	1	-675384	LEM 11
4348-	LEM 11	1000	26865	1	-324611				
4349-	MPC	1000	12667	2	1.0	2689	2	-1.0	LEM 13
4350-	MPC	1000	12667	3	1.0	2689	3	-675389	
4351-	LEM 13	1000	26865	3	-324611				
4352-	MPC	1000	127200	1	1.0	124800	1	-1.0	AFTENG1
4353-	MPC	1000	127200	2	1.0	124800	2	-1.0	AFTENG2
4354-	LEM 13	1000	127200	2	-24.8				
4355-	MPC	1000	124800	6	1.0	124800	3	-1.0	AFTENG3
4356-	LEM 13	1000	124800	5	24.8				
4357-	MPC	1000	127200	4	1.0	124800	4	-1.0	AFTENG4
4358-	MPC	1000	127200	5	1.0	124800	5	-1.0	AFTENG5
4359-	MPC	1000	127200	5	1.0	124800	6	-1.0	AFTENG6
4360-	MPC	1000	199073	1	1.0	200078	1	-1.0	FMDR1
4361-	LEM 13	1000	200078	6	12.375				
4362-	MPC	1000	199073	2	1.0	200078	2	-1.0	FMDR2
4363-	LEM 13	1000	200078	6	10.06				
4364-	MPC	1000	199073	3	1.0	200078	3	-1.0	FMDR3
4365-	MPC	1000	200078	4	-12.375	200078	5	-10.06	FMDR4
4366-	MPC	1000	199073	4	1.0	200078	4	-1.0	FMDR5
4367-	MPC	1000	199073	5	1.0	200078	5	-1.0	FMDR6
4368-	MPC	1000	199073	6	1.0	200078	6	-1.0	FMDR1
4369-	MPC	1000	199077	1	1.0	200078	1	-1.0	FMDR2
4370-	LEM 13	1000	200078	6	-12.375				
4371-	MPC	1000	199077	2	1.0	200078	2	-1.0	FMDR3
4372-	LEM 13	1000	200078	6	10.06				
4373-	MPC	1000	199077	3	1.0	200078	3	-1.0	FMDR4
4374-	MPC	1000	200078	4	12.375	200078	4	-10.06	FMDR5
4375-	MPC	1000	199077	4	1.0	200078	5	-1.0	FMDR6
4376-	MPC	1000	199077	5	1.0	200078	6	-1.0	FMDR1
4377-	MPC	1000	199077	6	1.0	200078	1	-1.0	FMDR2
4378-	MPC	1000	211073	1	1.0	200078	1	-1.0	FMDR3
4379-	LEM 13	1000	200078	6	12.375				
4380-	MPC	1000	211073	2	1.0	200078	2	-1.0	FMDR4
4381-	LEM 13	1000	200078	6	-11.72				
4382-	MPC	1000	211073	3	1.0	200078	3	-1.0	FMDR5
4383-	LEM 13	1000	200078	6	-12.375	200078	5	-11.72	FMDR6
4384-	MPC	1000	211073	4	1.0	200078	4	-1.0	AFTR1
4385-	MPC	1000	211073	5	1.0	200078	5	-1.0	AFTR2
4386-	MPC	1000	211073	6	1.0	200078	6	-1.0	AFTR3
4387-	MPC	1000	211077	1	1.0	200078	1	-1.0	AFTR4
4388-	LEM 13	1000	200078	6	-12.375				AFTR5
4389-	MPC	1000	211077	2	1.0	200078	2	-1.0	AFTR6
4390-	LEM 13	1000	200078	6	-11.72				AF TL1
4391-	MPC	1000	211077	3	1.0	200078	3	-1.0	AF TL2
4392-	LEM 13	1000	200078	6	12.375	200078	4	-11.72	AF TL3
4393-	MPC	1000	211077	4	1.0	200078	5	-1.0	AF TL4
4394-	MPC	1000	211077	5	1.0	200078	6	-1.0	AF TL5
4395-	MPC	1000	211077	6	1.0	200078	1	-1.0	AF TL6
4396-	MPC	1000	214075	1	1.0	200078	2	-1.0	AF TL1
4397-	MPC	1000	214075	2	1.0	200078	3	-1.0	AF TL2
4398-	LEM 13	1000	200078	6	-14.50				AF TL3
4399-	MPC	1000	214075	3	1.0	200078	4	-1.0	AF TL4
4400-	LEM 13	1000	200078	5	14.50				AF TL5
4401-	MPC	1000	214075	4	1.0	200078	5	-1.0	AF TL6
4402-	MPC	1000	214075	5	1.0	200078	6	-1.0	AF TL1
4403-	MPC	1000	214075	6	1.0	200078	1	-1.0	AF TL2
4404-	OMIT	3331	2						AF TL3
4405-	OMIT	3339	1						AF TL4
4406-	OMIT	3341	13						AF TL5
4407-	OMIT	3349	23						AF TL6
4408-	OMIT	4631	123						AF TL1
4409-	OMIT	4633	13						AF TL2
4410-	OMIT	4637	21						AF TL3
4411-	OMIT	4639	123						AF TL4
4412-	OMIT	4641	12						AF TL5

4413-	UMIT	6669	12
4414-	UMIT	6661	23
4415-	UMIT	6669	13
4416-	UMIT	6173	123
4417-	UMIT	6177	13
4418-	UMIT	6131	123
4419-	UMIT	6153	23
4420-	UMIT	6137	123
4421-	UMIT	6139	123
4422-	UMIT	6141	123
4423-	UMIT	6143	12
4424-	UMIT	6147	12
4425-	UMIT	6149	123
4426-	UMIT	6161	123
4427-	UMIT	6165	123
4428-	UMIT	6167	23
4429-	UMIT	6169	123
4430-	UMIT	6171	13
4431-	UMIT	6179	123
4432-	UMIT	7031	12
4433-	UMIT	7039	12
4434-	UMIT	7043	1
4435-	UMIT	7047	1
4436-	UMIT	7061	123
4437-	UMIT	7063	23
4438-	UMIT	7067	13
4439-	UMIT	7069	123
4440-	UMIT	7071	13
4441-	UMIT	7079	13
4442-	UMIT	7505	456
4443-	UMIT	8531	12
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4924-	PBAR	1874748	2014	1.65	-0495	1.04	-171
4925-	PBAR	1874747	2014	-825	-0	-52	-0
4926-	PBAR	1874849	2014	2.453	-965	10.405	-497
4927-	PBAR	1874958	2014	-825	-0062	-52	-023
4928-	PBAR	1874900	2014	-694	-208	1.302	-624
4929-	PBAR	1874959	2014	1.845	-0258	3.113	-103
4930-	PBAR	1875100	2014	-694	-208	1.302	-624
4931-	PBAR	1875152	2014	1.283	-113	2.156	-0749
4932-	PBAR	1875161	2014	1.845	-0258	3.113	-103
4933-	PBAR	1875242	2014	-825	-0062	-52	-023
4934-	PBAR	1875259	2014	1.283	-113	2.156	-0749
4935-	PBAR	1875848	2014	-825	-0062	-52	-023
4936-	PBAR	1875900	2014	-694	-208	1.302	-624
4937-	PBAR	1875949	2014	1.845	-0258	3.113	-103
4938-	PBAR	1876142	2014	2.013	-437	13.573	-174
4939-	PBAR	1876243	2014	2.0625	-0967	1.3	-32
4940-	PBAR	1876345	2014	2.0625	-0	1.3	-0

4941-	PBAR	1976567	2014	2.3625	0	1-3	0
4942-	PBAR	1976768	2014	2.3625	0.967	1-3	0
4943-	PBAR	1976869	2014	2.319	0.917	1-3	0
4944-	PBAR	2124143	2014	1.562	0.725	1-3	0
4945-	PBAR	2124345	2014	0.8124	0	1-3	0
4946-	PBAR	2124547	2014	0.8124	0	1-3	0
4947-	PBAR	2124749	2014	1.582	0.725	1-3	0
4948-	PBAR	2124951	2014	0.8124	0	1-3	0
4949-	PBAR	2125153	2014	0.8124	0	1-3	0
4950-	PBAR	2125355	2014	0.8124	0	1-3	0
4951-	PBAR	3103173	1	0.8124	0	1-3	0
4952-	PBAR	3103375	1	0.8124	0	1-3	0
4953-	PBAR	3103577	1	0.8124	0	1-3	0
4954-	PBAR	3103779	1	0.8124	0	1-3	0
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4957-	PBAR	3104385	1	0.8124	0	1-3	0
4958-	PBAR	3104587	1	0.8124	0	1-3	0
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4960-	PBAR	3104991	1	0.8124	0	1-3	0
4961-	PBAR	3105193	1	0.8124	0	1-3	0
4962-	PBAR	3105395	1	0.8124	0	1-3	0
4963-	PBAR	3105597	1	0.8124	0	1-3	0
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5000-	PBAR	3112991	1	0.8124	0	1-3	0
5001-	PBAR	3113193	1	0.8124	0	1-3	0
5002-	PBAR	3113395	1	0.8124	0	1-3	0
5003-	PBAR	3113597	1	0.8124	0	1-3	0
5004-	PBAR	3113799	1	0.8124	0	1-3	0
5005-	PBAR	3113991	1	0.8124	0	1-3	0
5006-	PBAR	3114193	1	0.8124	0	1-3	0

5007-	PDAK	722826	2014	1.41	-14991	.65619	.00910
5008-	PBAR	722829	2014	-97873	-21703	-86254	.00910
5009-	PBAR	722831	2014	-42265	-94445	-32148	.00906
5010-	PBAR	722839	2014	-25928	-01150	-11667	.01345
5011-	PBAR	724122	2014	-54348	-02604	-65104	.09104
5012-	PBAR	726192	2014	-8333	-02604	-65104	.09104
5013-	PBAR	726192	2014	-8333	-02604	-65104	.09104
5014-	PBAR	726192	2014	-532	-02781	-32009	.09058
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5020-	PQDMEM	122024	2024	.012			
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5025-	PQDMEM	169046	9046	.016			
5026-	PQDMEM	200076	76	.020			
5027-	PQDMEM	202024	2024	.020			
5028-	PQDMEM	212024	2024	.021			
5029-	PQDMEM	227075	7075	.022			
5030-	PQDMEM	242024	2024	.024			
5031-	PQDMEM	250057	57	.025			
5032-	PQDMEM	252024	2224	.025			
5033-	PQDMEM	282024	2024	.028			
5034-	PQDMEM	287075	7075	.028			
5035-	PQDMEM	289046	9046	.028			
5036-	PQDMEM	300076	76	.030			
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5070-	PSHEAR	12381	2014	.12381			
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5073-	PSHEAR	17038	2014	-17088
5074-	PSHEAR	17410	2014	-17410
5075-	PSHEAR	17490	2014	-17490
5076-	PSHEAR	17735	2014	-17735
5077-	PSHEAR	18157	2014	-18157
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5082-	PSHEAR	129046	9046	-012
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5087-	PSHEAR	200076	76	-023
5088-	PSHEAR	202024	2024	-020
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5090-	PSHEAR	212024	2024	-021
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5093-	PSHEAR	250057	57	-025
5094-	PSHEAR	252024	2024	-025
5095-	PSHEAR	257075	7075	-025
5096-	PSHEAR	259046	9046	-025
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5102-	PSHEAR	334046	4046	-032
5103-	PSHEAR	337024	2024	-040
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5105-	PSHEAR	409046	9046	-040
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5107-	PSHEAR	492024	2024	-049
5108-	PSHEAR	557075	7075	-050
5109-	PSHEAR	590046	9046	-050
5110-	PSHEAR	527075	7075	-052
5111-	PSHEAR	657075	7075	-065
5112-	PSHEAR	717075	7075	-071
5113-	PSHEAR	727075	7075	-072
5114-	PSHEAR	807075	7075	-080
5115-	PSHEAR	817075	7075	-081
5116-	PSHEAR	1007075	7075	-100
5117-	PSHEAR	1252014	2014	-125
5118-	PSHEAR	2002014	2014	-200
5119-	PSHEAR	4002014	2014	-400
5120-	PTREM	25	2024	-025
5121-	PTREM	32	2024	-032
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5123-	PTREM	18157	2014	-18157
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5125-	PTREM	100076	76	-010
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5128-	PTREM	129046	9046	-012
5129-	PTREM	152014	2014	-015
5130-	PTREM	162024	2024	-016
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5132-	PTREM	169046	9046	-016
5133-	PTREM	200076	76	-020
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5135-	PTREM	207075	7075	-020
5136-	PTREM	212024	2024	-021
5137-	PTREM	217075	7075	-022
5138-	PTREM	242024	2024	-024

5139-	PTNEM	250057	57	-025	27	6131	14	6133	17
5140-	PTNEM	252024	2024	-025	481	49745	482	50645	483
5141-	PTNEM	257075	7075	-025	5	3339	6	3341	2
5142-	PTNEM	259046	9046	-025	7	4641	10	4649	15
5143-	PTNEM	282024	2024	-028	20	6139	21	6123	16
5144-	PTNEM	300076	76	-030	19	6141	13	6143	28
5145-	PTNEM	322014	2014	-032	29	6161	24	6163	25
5146-	PTNEM	322024	2024	-032	33	6171	23	7037	34
5147-	PTNEM	327075	7075	-032	49	7033	30	7061	41
5148-	PTNEM	329046	9046	-032	46	7067	48	7071	40
5149-	PTNEM	42024	2024	-040	54	8300	45	8331	43
5150-	PTNEM	407075	7075	-040	57	8339	52	8343	47
5151-	PTNEM	482024	2024	-049	56	8371	51	8367	55
5152-	PTNEM	507075	7075	-050	73	9317	75	9331	96
5153-	PTNEM	509046	9046	-050	61	9337	66	9341	71
5154-	PTNEM	527075	7075	-052	67	9349	69	9361	65
5155-	PTNEM	637075	7075	-063	68	9369	69	9371	70
5156-	PTNEM	657075	7075	-065	82	9379	84	11300	92
5157-	PTNEM	717075	7075	-071	95	11531	72	11533	74
5158-	PTNEM	727075	7075	-072	80	11543	76	11547	79
5159-	PTNEM	807075	7075	-080	78	11567	87	11569	88
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5161-	PTNEM	959046	9046	-095	116	13007	117	13009	138
5162-	PTNEM	1007075	7075	-100	111	13027	113	13029	121
5163-	PTNEM	1252014	2014	-125	91	13837	99	13839	102
5164-	PTNEM	152014	2014	-155	98	13847	101	13848	122
5165-	PTNEM	2002014	2014	-200	103	13863	100	13867	104
5166-	PTNEM	2002014	2014	-200	105	13871	107	14001	131
5167-	SEOGP	4002014	2014	-400	105	14007	139	14021	133
5168-	SEOGP	3331	1	4631	105	14007	139	14021	133
5169-	SEOGP	3349	8	4639	125	14827	125	14829	159
5170-	SEOGP	4661	9	6139	114	14837	112	14839	123
5171-	SEOGP	4661	9	6139	115	14847	119	14849	153
5172-	SEOGP	6137	18	6139	118	14867	127	14869	129
5173-	SEOGP	6147	36	6139	118	14887	151	14889	130
5174-	SEOGP	6147	36	6139	118	15601	171	15607	178
5175-	SEOGP	6147	36	6139	118				
5176-	SEOGP	6147	36	6139	118				
5177-	SEOGP	6147	36	6139	118				
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5205-	SEUGP	15609	207	15621	162	15623	137	15625	143
5206-	SEUGP	15627	160	15629	152	15633	136	15637	154
5207-	SEUGP	16481	163	16483	166	16485	193	16487	169
5208-	SEUGP	16489	167	17100	163	16491	177	16603	218
5209-	SEUGP	16607	219	16609	223	16621	170	16623	173
5210-	SEUGP	16625	174	16627	179	16629	200	16631	145
5211-	SEUGP	16633	182	16635	220	16637	175	16639	156
5212-	SEUGP	16641	186	16642	130	16643	181	16644	228
5213-	SEUGP	16645	230	16646	249	16647	199	16648	196
5214-	SEUGP	16649	155	16651	147	16652	188	16653	197
5215-	SEUGP	16654	157	16656	148	16657	188	16658	202
5216-	SEUGP	16659	158	16661	152	16662	191	16663	211
5217-	SEUGP	16664	229	16665	257	16666	250	16667	215
5218-	SEUGP	16668	206	16669	165	16671	164	16673	210
5219-	SEUGP	16672	213	16674	216	16675	168	16676	256
5220-	SEUGP	16677	258	16678	135	16679	233	16680	279
5221-	SEUGP	16679	337	16680	236	16681	246	16682	198
5222-	SEUGP	16681	169	16682	234	16683	247	16684	203
5223-	SEUGP	16683	192	16684	242	16685	280	16686	203
5224-	SEUGP	16685	297	16686	252	16687	205	16688	339
5225-	SEUGP	21187	1	21188	186	21189	217	21190	221
5226-	SEUGP	21189	1	21190	186	21191	217	21192	221
5227-	SEUGP	21191	1	21192	186	21193	217	21194	221
5228-	SEUGP	21193	281	21194	226	21195	236	21196	238
5229-	SEUGP	21195	281	21196	226	21197	225	21198	235
5230-	SEUGP	21197	248	21198	226	21199	225	21200	235
5231-	SEUGP	21199	248	21200	226	21201	225	21202	235
5232-	SEUGP	21201	216	21202	226	21203	225	21204	235
5233-	SEUGP	21203	219	21204	226	21205	225	21206	235
5234-	SEUGP	21205	265	21206	226	21207	225	21208	235
5235-	SEUGP	21207	278	21208	226	21209	225	21210	235
5236-	SEUGP	21209	288	21210	226	21211	225	21212	235
5237-	SEUGP	21211	237	21212	226	21213	225	21214	235
5238-	SEUGP	21213	237	21214	226	21215	225	21216	235
5239-	SEUGP	21215	284	21216	226	21217	225	21218	235
5240-	SEUGP	21217	284	21218	226	21219	225	21220	235
5241-	SEUGP	21219	319	21220	226	21221	225	21222	235
5242-	SEUGP	21221	343	21222	226	21223	225	21224	235
5243-	SEUGP	21223	343	21224	226	21225	225	21226	235
5244-	SEUGP	21225	343	21226	226	21227	225	21228	235
5245-	SEUGP	21227	343	21228	226	21229	225	21230	235
5246-	SEUGP	21229	343	21230	226	21231	225	21232	235
5247-	SEUGP	21231	343	21232	226	21233	225	21234	235
5248-	SEUGP	21233	343	21234	226	21235	225	21236	235
5249-	SEUGP	21235	343	21236	226	21237	225	21238	235
5250-	SEUGP	21237	343	21238	226	21239	225	21240	235
5251-	SEUGP	21239	343	21240	226	21241	225	21242	235
5252-	SEUGP	21241	343	21242	226	21243	225	21244	235
5253-	SEUGP	21243	343	21244	226	21245	225	21246	235
5254-	SEUGP	21245	343	21246	226	21247	225	21248	235
5255-	SEUGP	21247	343	21248	226	21249	225	21250	235
5256-	SEUGP	21249	343	21250	226	21251	225	21252	235
5257-	SEUGP	21251	343	21252	226	21253	225	21254	235
5258-	SEUGP	21253	343	21254	226	21255	225	21256	235
5259-	SEUGP	21255	343	21256	226	21257	225	21258	235
5260-	SEUGP	21257	343	21258	226	21259	225	21260	235
5261-	SEUGP	21259	343	21260	226	21261	225	21262	235
5262-	SEUGP	21261	343	21262	226	21263	225	21264	235
5263-	SEUGP	21263	343	21264	226	21265	225	21266	235
5264-	SEUGP	21265	343	21266	226	21267	225	21268	235
5265-	SEUGP	21267	343	21268	226	21269	225	21270	235
5266-	SEUGP	21269	343	21270	226	21271	225	21272	235
5267-	SEUGP	21271	343	21272	226	21273	225	21274	235
5268-	SEUGP	21273	343	21274	226	21275	225	21276	235
5269-	SEUGP	21275	343	21276	226	21277	225	21278	235
5270-	SEUGP	21277	343	21278	226	21279	225	21280	235

5271-	SEUGP	73431	418	73439	417	74211	419	74219	420
5272-	SEUGP	74221	421	74229	422	74231	423	74234	424
5273-	SEUGP	75011	436	75019	437	75021	438	75029	439
5274-	SEUGP	75031	440	75039	441	75041	441	75049	442
5275-	SEUGP	75921	451	75929	454	75931	455	75939	456
5276-	SEUGP	122400	425	123467	288	123467	334	124800	400
5277-	SEUGP	125063	340	125065	326	125067	327	125383	390
5278-	SEUGP	125387	377	126863	378	126867	369	127200	426
5279-	SEUGP	189073	304	189077	306	200070	403	200078	359
5280-	SEUGP	200079	405	200086	428	200087	427	200095	443
5281-	SEUGP	200096	442	200101	457	200106	459	200114	461
5282-	SEUGP	200121	463	200129	467	200137	471	200145	475
5283-	SEUGP	200153	477	200155	480	211001	357	211002	329
5284-	SEUGP	211073	340	211077	361	214075	404	214901	307
5285-	SEUGP	214902	274	215101	254	215102	226	215201	208
5286-	SEUGP	215202	176	222001	358	222002	330	222201	365
5287-	SEUGP	222202	364	222301	315	222302	310	223401	402
5288-	SEUGP	223402	380	520018	488	520024	486	520057	489
5289-	SEUGP	520065	490	520068	487	520079	491	520135	492
5290-	SEUGP	520139	493						
5291-	SEUGP	520152	494						
5292-	SEUGP	520185	495						
5293-	SUPPORT	15425	1						
5294-	SUPPORT	14625	2						
5295-	SUPPORT	14641	3						
5296-	SUPPORT	21325	2						
5297-	SUPPORT	21341	3						
5298-	SUPPORT	21349	3						
	END DATA								

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PAGE

NASTRAN 11/22/73

JULY 29, 1974

GEN 3

AM-16 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
BASIC MISSION - LIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPE

NASTRAN SOURCE PROGRAM COMPI LATION  
DMAP-DMAP INSTRUCTION  
NO.

\*\*\* USER WARNING MESSAGE 34: NOT REFERENCED  
PARAMETER NAMED LMOUES \*\*\*

\*\*\*NO ERRORS FOUND - EXECUTE NASTRAN PROGRAM\*\*\*

NATURAL FREQUENCIES AND MODE SHAPES  
 CONTINUATION OF CHECKPOINT DICTIONARY

1.	XVPS	+	FLAGS # 0.	REEL # 1.	FILE # 5
2.	REENTER AT DMAP SEQUENCE NUMBER				
3.	GPL	+	FLAGS # 0.	REEL # 1.	FILE # 6
4.	EQXIN	+	FLAGS # 0.	REEL # 1.	FILE # 7
5.	GPUT	+	FLAGS # 0.	REEL # 1.	FILE # 8
6.	GSM	+	FLAGS # 0.	REEL # 1.	FILE # 9
7.	BGPUT	+	FLAGS # 0.	REEL # 1.	FILE # 10
8.	SIL	+	FLAGS # 0.	REEL # 1.	FILE # 11
9.	XVPS	+	FLAGS # 0.	REEL # 1.	FILE # 12
10.	REENTER AT DMAP SEQUENCE NUMBER				
11.	ECT	+	FLAGS # 0.	REEL # 1.	FILE # 13
12.	XVPS	+	FLAGS # 0.	REEL # 1.	FILE # 14

ADDITIONS TO CHECKPOINT DICTIONARY

13. REENTER AT DMAP SEQUENCE NUMBER 19 FILE # 15  
 14. XPS : FLAGS # 0, REEL # 0, FILE # 0  
 15. PLIPM : FLAGS # 0, REEL # 0, FILE # 0  
 16. GPCLTS : FLAGS # 0, REEL # 0, FILE # 0  
 17. LSEES : FLAGS # 0, REEL # 0, FILE # 0

18. REENTER AT DMAP SEQUENCE NUMBER 21 FILE # 16  
 19. XPS : FLAGS # 0, REEL # 0, FILE # 0  
 20. GPT : FLAGS # 0, REEL # 0, FILE # 0

\*\*\* USER WARNING MESSAGE 2015, EITHER NO ELEMENTS CONNECT  
 INTERNAL GRID POINT 136 OR IT IS CONNECTED TO A RIGID ELEMENT OR A GENERAL ELEMENT.

\*\*\* USER WARNING MESSAGE 2015, EITHER NO ELEMENTS CONNECT  
 INTERNAL GRID POINT 156 OR IT IS CONNECTED TO A RIGID ELEMENT OR A GENERAL ELEMENT.

\*\*\* USER WARNING MESSAGE 2015, EITHER NO ELEMENTS CONNECT  
 INTERNAL GRID POINT 420 OR IT IS CONNECTED TO A RIGID ELEMENT OR A GENERAL ELEMENT.

\*\*\* USER WARNING MESSAGE 2015, EITHER NO ELEMENTS CONNECT  
 INTERNAL GRID POINT 421 OR IT IS CONNECTED TO A RIGID ELEMENT OR A GENERAL ELEMENT.

21. REENTER AT DMAP SEQUENCE NUMBER 26 FILE # 17  
 22. EST : FLAGS # 0, REEL # 1, FILE # 17  
 23. ECPT : FLAGS # 0, REEL # 1, FILE # 18  
 24. GPCT : FLAGS # 0, REEL # 1, FILE # 19  
 25. XPS : FLAGS # 0, REEL # 1, FILE # 20  
 26. XPS : FLAGS # 0, REEL # 0, FILE # 0  
 27. JPSST : FLAGS # 0, REEL # 0, FILE # 0

28. REENTER AT DMAP SEQUENCE NUMBER 28 FILE # 21  
 29. KGOX : FLAGS # 0, REEL # 1, FILE # 21  
 30. GPST : FLAGS # 0, REEL # 1, FILE # 22  
 31. XPS : FLAGS # 0, REEL # 1, FILE # 23

32. REENTER AT DMAP SEQUENCE NUMBER 32 FILE # 24  
 33. MGG : FLAGS # 0, REEL # 1, FILE # 24  
 34. XPS : FLAGS # 0, REEL # 1, FILE # 25

\*\*\* USER WARNING MESSAGE 3041

EXTERNAL GRID POINT 0 DOES NOT EXIST OR IS NOT A GEOMETRIC GRID POINT  
 THE BASIC ORIGIN WILL BE USED.

NATURAL FREQUENCIES AND MODE SHAPES

OUTPUT FROM GRID POINT WEIGHT GENERATOR

REFERENCE POINT # 0

M 0

\*\*\*

8.914488E 03 4.856202E-07 5.609404E-06 -1.902740E-04 6.187451E 05 -1.281968E 01 \*

4.856202E-07 8.914488E 03 -8.185852E-07 -6.187451E 05 1.490546E-04 1.722375E 06 \*

5.609404E-06 -8.185852E-07 8.914488E 03 1.282004E 01 -1.722375E 04 -6.491452E-05 \*

-1.902740E-04 -6.187451E 05 1.282004E 01 5.635490E 07 -1.266705E 05 -1.242254E 08 \*

6.187451E 05 1.490546E-04 -1.722375E 06 -1.266705E 05 4.378860E 08 -6.626289E 04 \*

-1.281968E 01 1.722375E 06 -6.491452E-05 -1.242254E 08 -6.626289E 04 3.865687E 08 \*

\*\*\*

S

\*\*\*

1.000000E 00 0.0 0.0

0.0 1.000000E 00 0.0

0.0 0.0 1.000000E 00

\*\*\*

DIRECTION

MASS AXIS SYSTEM SSC MASS X-C-G. Y-C-G. Z-C-G.

X 8.914488E 03 -2.144434E-08 1.438072E-03 6.940892E 01

Y 8.914488E 03 1.932107E 02 1.672049E-08 6.940892E 01

Z 8.914488E 03 1.932107E 02 1.636112E-03 -7.281912E-09

185<

\*\*\*

1.341248E 07 1.241935E 05 4.677728E 06 \*

1.241935E 05 6.215948E 07 4.537309E 04 \*

4.677728E 06 4.537309E 04 5.378765E 07 \*

\*\*\*

180<

\*\*\*

1.287734E 07 5.432202E 07 6.215914E 07 \*

\*\*\*

Q

\*\*\*

9.935238E-01 -1.135785E-01 3.222838E-03 \*

-2.380344E-04 7.552382E-03 9.999684E-01 \*

-1.135993E-01 -9.935004E-01 7.233109E-03 \*

\*\*\*



NATURAL FREQUENCIES AND MODE SHAPES

ADDITIONAL CHECKPOINT DICTIONARY

32.	REENTER AT DMAP SEQUENCE NUMBER	39	FILE #	21
36.	WGA	REEL # 1.	FILE #	21
37.	WGA	REEL # 1.	FILE #	21
38.	WGA	REEL # 1.	FILE #	26

39.	REENTER AT DMAP SEQUENCE NUMBER	50	FILE #	27
40.	WGA	REEL # 1.	FILE #	27
41.	WGA	REEL # 1.	FILE #	28
42.	WGA	REEL # 1.	FILE #	29
43.	WGA	REEL # 0.	FILE #	30
44.	WGA	REEL # 0.	FILE #	31
45.	WGA	REEL # 0.	FILE #	32
46.	WGA	REEL # 0.	FILE #	33
47.	WGA	REEL # 0.	FILE #	34
48.	WGA	REEL # 0.	FILE #	35
49.	WGA	REEL # 0.	FILE #	36
50.	WGA	REEL # 0.	FILE #	37
51.	WGA	REEL # 0.	FILE #	38
52.	WGA	REEL # 0.	FILE #	39
53.	WGA	REEL # 0.	FILE #	40

AM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION HEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT  
 NATURAL FREQUENCIES AND MODE SHAPES  
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\*\*\* USER WARNING MESSAGE 3017

ONE OR MORE POTENTIAL SINGULARITIES HAVE NOT BEEN REMOVED BY SINGLE OR MULTI-POINT CONSTRAINTS.

AM-15 THREE-DIMENSIONAL BUILT-UP FINITE MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT COMBINATION - 4933 LBS GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

POINT ID. TYPE SINGULARITY UNDER STRONGEST COMBINATION LIST OF COORDINATE COMBINATIONS THAT WILL REMOVE SINGULARITY WEAKER COMBINATION

7505 G 3 1 2 3 0 MPC 1000

7505 G 3 1 2 3 0 MPC 1000

15212 G 3 1 2 3 0 MPC 1000

15214 G 3 1 2 3 0 MPC 1000

124800 G 3 1 2 3 0 MPC 1000

124900 G 3 1 2 3 0 MPC 1000

\*\*\* USER INFORMATION MESSAGE 3020: B 0 10 RBAR 0 3  
 C 0 7 CBAR 0 24  
 R 0 12

\*\*\* USER INFORMATION MESSAGE 3027: UNSYMMETRIC REAL DECOMPOSITION TIME ESTIMATE IS 1 SECONDS.

ADDITIONS TO CM INPUT DICTIONARY

54. REENTER AT DMAP SEQUENCE NUMBER 58 FILE # 33  
 55. CM : FLAGS # 0. REEL # 1. FILE # 31  
 56. XVS : FLAGS # 0. REEL # 1. FILE # 31  
 57. REENTER AT DMAP SEQUENCE NUMBER 60 FILE # 32  
 58. KMN : FLAGS # 0. REEL # 1. FILE # 33  
 59. MNN : FLAGS # 0. REEL # 1. FILE # 34  
 60. XVS : FLAGS # 0. REEL # 1. FILE # 34  
 61. REENTER AT DMAP SEQUENCE NUMBER 63 FILE # 35  
 62. XVS : FLAGS # 0. REEL # 1. FILE # 35  
 63. KFF : FLAGS # 0. REEL # 0. FILE # 0  
 64. MFF : FLAGS # 0. REEL # 0. FILE # 0  
 65. REENTER AT DMAP SEQUENCE NUMBER 66 FILE # 36  
 66. KFS : FLAGS # 0. REEL # 1. FILE # 37  
 67. KFF : FLAGS # 0. REEL # 1. FILE # 38  
 68. MFF : FLAGS # 0. REEL # 1. FILE # 39  
 69. XVS : FLAGS # 0. REEL # 1. FILE # 39  
 70. REENTER AT DMAP SEQUENCE NUMBER 49 FILE # 40  
 71. XVS : FLAGS # 0. REEL # 1. FILE # 40  
 72. KAA : FLAGS # 0. REEL # 0. FILE # 0  
 73. MAA : FLAGS # 0. REEL # 0. FILE # 0

\*\*\* USER INFORMATION MESSAGE 3023.

0 180  
 C 49  
 R 179

\*\*\* USER INFORMATION MESSAGE 3027. SYMMETRIC REAL DECOMPOSITION TIME ESTIMATE IS 120 SECONDS.

74. REENTER AT DMAP SEQUENCE NUMBER 72 FILE # 41  
 75. GO : FLAGS # 0. REEL # 1. FILE # 42  
 76. KJA : FLAGS # 0. REEL # 1. FILE # 43  
 77. XVS : FLAGS # 0. REEL # 1. FILE # 43  
 78. REENTER AT DMAP SEQUENCE NUMBER 74 FILE # 44  
 79. MAA : FLAGS # 0. REEL # 1. FILE # 45  
 80. XVS : FLAGS # 0. REEL # 1. FILE # 45  
 81. REENTER AT DMAP SEQUENCE NUMBER 78 FILE # 46  
 82. KLL : FLAGS # 0. REEL # 1. FILE # 47  
 83. KLR : FLAGS # 0. REEL # 1. FILE # 48  
 84. KRR : FLAGS # 0. REEL # 1. FILE # 49  
 85. MLL : FLAGS # 0. REEL # 1. FILE # 50  
 86. MRR : FLAGS # 0. REEL # 1. FILE # 51  
 87. XVS : FLAGS # 0. REEL # 1. FILE # 52  
 88. XVS : FLAGS # 0. REEL # 1. FILE # 52

\*\*\* USER INFORMATION MESSAGE 3023.

0 235  
 C 0  
 R 234

\*\*\* USER INFORMATION MESSAGE 3027. SYMMETRIC REAL DECOMPOSITION TIME ESTIMATE IS 5 SECONDS.



AM-16 FIVE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
BASIC MISSION FLIGHT CONFIGURATION - 8933 LB GROSS WEIGHT  
NATURAL FREQUENCIES AND MODE SHAPES

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\*\*\* USER INFORMATION MESSAGE 3035  
FOR LOAD 0 EPSILON SUB E 0 1.1035915E-04

NATURAL FREQUENCIES AND MODE SHAPES

AUDITORS TO CHECKPOINT DICTIONARY

93, REINTER AT UMAP SEQUENCE NUMBER 82  
94, DM : FLAGS # 0, REEL # 1, FILE # 56  
95, KVS : FLAGS # 0, REEL # 1, FILE # 57  
96, REINTER AT UMAP SEQUENCE NUMBER 84  
97, MM : FLAGS # 0, REEL # 1, FILE # 58  
98, KVS : FLAGS # 0, REEL # 1, FILE # 59

99, REENTER AT UMAP SEQUENCE NUMBER 89  
100, FED : FLAGS # 0, REEL # 1, FILE # 60  
101, KVS : FLAGS # 0, REEL # 1, FILE # 61

\*\*\* USER INFORMATION MESSAGE 2016, GIVEN TIME ESTIMATE IS 300 SECONDS.  
PROBLEM SIZE IS 241, SPILL WILL OCCUR FOR THIS CORE AT A PROBLEM SIZE OF 456.

\*\*\* USER INFORMATION MESSAGE 3023,  
B # 241  
C # 0  
R # 240

\*\*\* USER INFORMATION MESSAGE 3027, SYMMETRIC REAL DECOMPOSITION TIME ESTIMATE IS 5 SECONDS.  
IMC2081 INCOM - PROGRAM INTERRUPT (PI) - UNDERFLOW OLD PSW IS 071000002424080, REGISTER CONTAINED 7F790482A338F58

TRACEBACK ROUTINE CALLED FROM ISN REG. 14 REG. 15 REG. 3 REG. 1  
JMTEN 3043 4242608C 00423808 00000000 00426300  
VALVEC 0164 42423254 00426254 01E22710 00000000  
REIG 0168 424274E2 004225E8 00000056 00000000  
XSEMOB 6241E182 0041FE00 0041E0F8 0041260C  
LINKWSOB 42412449 0041C0F8 0041E0F8 00412624  
055N26 00000090 01412330 002F88D 004FEFF8

ENTRY POINT 01412330

STANDARD FIXUP TAKEN, EXECUTION CONTINUING

IMC2081 INCOM - PROGRAM INTERRUPT (PI) - UNDERFLOW OLD PSW IS 071000002424080, REGISTER CONTAINED 7F790482A338F58

TRACEBACK ROUTINE CALLED FROM ISN REG. 14 REG. 15 REG. 0 REG. 1  
JMTEN 3043 4242608C 00423808 00000000 00426300  
VALVEC 0164 42423254 00426254 01E22710 00000000  
REIG 0168 424274E2 004225E8 00000056 00000000  
XSEMOB 6241E182 0041FE00 0041E0F8 0041260C

LINEN506 42-12448 00-1-UP-3 00-1-UP-6 00-1-UP-8  
 DSSH06 00000090 01412330 00-1-UP-3 00-1-UP-6 00-1-UP-8

ENTRY POINT= 01412330

STANDARD FLAP TAKEN : PRECUTION CONTINUING

102.	REENTER AT IMAGE	ALUMINUM	NUMBER	92	
103.	LANA	FLAGS	0 0	REEL	0
104.	PHIA	FLAGS	0 0	REEL	0
105.	MI	FLAGS	0 0	REEL	0
106.	DEIGS	FLAGS	0 0	REEL	0
107.	AVPS	FLAGS	0 0	REEL	0



MODE NO.	NATURAL ORDER	EIGENVALUE	RADIANS	CYCLES	GENERALIZED MASS	GENERALIZED STIFFNESS
1	1	0.0	0.0	0.0	2.242546E 01	0.0
2	2	0.0	0.0	0.0	1.795446E 01	0.0
3	3	0.0	0.0	0.0	1.550286E 00	0.0
4	4	0.0	0.0	0.0	5.629659E 00	0.0
5	5	0.0	0.0	0.0	5.948080E 01	0.0
6	6	0.0	0.0	0.0	6.460708E 01	0.0
7	7	3.607830E 02	1.894629E 01	3.023036E 00	3.387295E 00	1.27278E 03
8	8	4.359756E 02	2.088004E 01	3.323161E 00	5.876525E 00	2.474826E 03
9	9	1.936966E 03	4.401097E 01	7.004564E 00	4.024283E 01	7.794900E 02
10	10	2.469902E 03	4.969810E 01	7.939730E 00	5.953523E 01	1.470462E 03
11	11	8.480199E 03	9.154343E 01	1.456959E 01	2.701260E 01	2.263709E 03
12	12	6.954926E 03	9.463048E 01	1.536091E 01	1.918383E 00	1.717979E 04
13	13	1.056438E 04	1.027832E 02	1.635844E 01	1.259306E 00	1.330379E 04
14	14	1.174621E 04	1.083799E 02	1.726921E 01	7.936093E 01	9.321902E 03
15	15	1.273281E 04	1.128399E 02	1.795900E 01	2.763506E 01	5.518719E 03
16	16	1.512034E 04	1.229648E 02	1.957045E 01	4.753264E 00	7.187125E 04
17	17	1.553635E 04	1.246369E 02	1.983656E 01	3.218142E 01	4.999172E 03
18	18	1.646954E 04	1.283337E 02	2.042496E 01	2.728691E 00	4.494028E 04
19	19	2.166075E 04	1.471759E 02	2.342377E 01	2.536065E 01	5.493305E 03
20	20	2.253506E 04	1.501142E 02	2.393140E 01	1.172098E 00	2.641217E 04
21	21	2.371601E 04	1.540003E 02	2.450967E 01	1.895433E 00	4.495212E 04
22	22	2.445307E 04	1.563749E 02	2.483767E 01	1.979132E 00	4.895344E 04
23	23	2.569332E 04	1.594868E 02	2.546678E 01	1.756433E 01	4.490133E 03
24	24	2.869433E 04	1.693611E 02	2.696272E 01	5.153220E 01	1.678718E 04
25	25	3.245946E 04	1.801637E 02	2.867395E 01	2.050629E 01	6.656159E 03
26	26	4.061179E 04	2.015237E 02	3.203734E 01	2.286087E 00	9.292325E 04
27	27	4.249005E 04	2.061312E 02	3.280679E 01	1.134236E 00	4.814376E 04
28	28	4.612669E 04	2.147712E 02	3.418190E 01	2.137537E 00	9.459750E 04
29	29	5.307555E 04	2.330398E 02	3.738943E 01	3.875319E 00	2.104591E 05
30	30	5.673557E 04	2.381923E 02	3.790948E 01	1.814034E 00	1.340549E 05
31	31	6.452066E 04	2.540092E 02	4.042682E 01	0.0	0.0
32	32	6.816444E 04	2.610833E 02	4.155269E 01	0.0	0.0
33	33	7.632900E 04	2.773608E 02	4.414336E 01	0.0	0.0
34	34	8.111950E 04	2.848149E 02	4.532971E 01	0.0	0.0
35	35	8.660505E 04	2.943874E 02	4.645224E 01	0.0	0.0
36	36	9.027869E 04	3.004641E 02	4.782038E 01	0.0	0.0
37	37	9.498113E 04	3.081902E 02	4.904949E 01	0.0	0.0
38	38	1.035504E 05	3.217925E 02	5.121486E 01	0.0	0.0
39	39	1.067662E 05	3.267815E 02	5.200840E 01	0.0	0.0
40	40	1.124014E 05	3.352632E 02	5.335880E 01	0.0	0.0
41	41	1.130944E 05	3.362952E 02	5.352304E 01	0.0	0.0
42	42	1.202886E 05	3.468264E 02	5.519914E 01	0.0	0.0
43	43	1.240664E 05	3.574638E 02	5.695580E 01	0.0	0.0
44	44	1.309249E 05	3.618354E 02	5.758791E 01	0.0	0.0
45	45	1.359809E 05	3.687559E 02	5.868932E 01	0.0	0.0
46	46	1.417376E 05	3.764805E 02	5.991873E 01	0.0	0.0
47	47	1.453545E 05	3.812539E 02	6.067845E 01	0.0	0.0
48	48	1.516704E 05	3.927081E 02	6.239038E 01	0.0	0.0
49	49	1.552719E 05	3.940457E 02	6.271432E 01	0.0	0.0
50	50	1.676796E 05	4.094861E 02	6.517174E 01	0.0	0.0
51	51	1.748746E 05	4.181802E 02	6.555545E 01	0.0	0.0
52	52	1.778414E 05	4.217124E 02	6.711761E 01	0.0	0.0
53	53	1.804227E 05	4.247620E 02	6.760297E 01	0.0	0.0
54	54	2.173794E 05	4.654182E 02	7.415320E 01	0.0	0.0
55	55	2.305414E 05	4.801577E 02	7.641782E 01	0.0	0.0
56	56	2.362902E 05	4.861052E 02	7.736606E 01	0.0	0.0

57	191	2.492776E 05	4.992771E 02	7.946243E 01	0.0	0.0
58	190	2.675198E 05	5.172424E 02	8.252170E 01	0.0	0.0
59	189	2.765104E 05	5.257476E 02	8.367534E 01	0.0	0.0
60	188	2.845214E 05	5.333135E 02	8.487949E 01	0.0	0.0
61	187	2.915653E 05	5.399678E 02	8.593855E 01	0.0	0.0
62	186	3.184836E 05	5.643435E 02	8.981807E 01	0.0	0.0
63	185	3.273151E 05	5.721145E 02	9.105486E 01	0.0	0.0
64	184	3.309820E 05	5.753103E 02	9.156349E 01	0.0	0.0
65	183	3.407494E 05	5.837375E 02	9.290472E 01	0.0	0.0
66	182	3.984754E 05	6.312490E 02	1.304664E 02	0.0	0.0
67	181	4.121774E 05	6.420105E 02	1.321192E 02	0.0	0.0
68	180	4.326353E 05	6.577502E 02	1.346842E 02	0.0	0.0
69	179	4.561196E 05	6.803936E 02	1.351044E 02	0.0	0.0
70	178	4.813412E 05	6.843352E 02	1.357322E 02	0.0	0.0
71	177	4.657734E 05	6.676262E 02	1.062618E 02	0.0	0.0
72	176	4.940002E 05	7.028516E 02	1.114623E 02	0.0	0.0
73	175	5.096271E 05	7.138816E 02	1.136174E 02	0.0	0.0
74	174	5.601308E 05	7.482491E 02	1.191154E 02	0.0	0.0
75	173	5.697431E 05	7.948132E 02	1.251132E 02	0.0	0.0
76	172	5.802934E 05	7.617700E 02	1.212395E 02	0.0	0.0
77	171	5.911823E 05	7.688838E 02	1.22317E 02	0.0	0.0
78	170	5.995319E 05	7.742944E 02	1.232328E 02	0.0	0.0
79	169	6.321922E 05	7.954824E 02	1.264502E 02	0.0	0.0
80	168	6.401700E 05	8.128352E 02	1.293468E 02	0.0	0.0
81	167	6.920153E 05	8.314145E 02	1.32366E 02	0.0	0.0
82	166	6.95229E 05	8.33304E 02	1.32636E 02	0.0	0.0
83	165	7.118596E 05	8.437178E 02	1.342819E 02	0.0	0.0
84	164	7.269891E 05	8.526365E 02	1.357013E 02	0.0	0.0
85	163	7.570160E 05	8.700667E 02	1.394754E 02	0.0	0.0
86	162	7.726827E 05	8.790237E 02	1.49010E 02	0.0	0.0
87	161	8.775559E 05	9.367795E 02	1.547175E 02	0.0	0.0
88	160	9.450143E 05	9.721194E 02	1.561568E 02	0.0	0.0
89	159	9.626791E 05	9.811621E 02	1.561568E 02	0.0	0.0
90	158	1.045395E 06	1.032180E 03	1.642765E 02	0.0	0.0
91	157	1.123412E 06	1.059911E 03	1.686902E 02	0.0	0.0
92	156	1.150052E 06	1.072405E 03	1.706785E 02	0.0	0.0
93	155	1.263082E 06	1.123669E 03	1.786694E 02	0.0	0.0
94	154	1.513432E 06	1.230216E 03	1.957950E 02	0.0	0.0
95	153	1.585186E 06	1.259042E 03	2.003828E 02	0.0	0.0
96	152	1.595035E 06	1.262947E 03	2.010043E 02	0.0	0.0
97	151	1.682190E 06	1.296993E 03	2.064228E 02	0.0	0.0
98	150	1.723782E 06	1.312925E 03	2.089591E 02	0.0	0.0
99	149	1.831237E 06	1.353232E 03	2.153736E 02	0.0	0.0
100	148	1.955304E 06	1.398322E 03	2.225499E 02	0.0	0.0
101	147	2.046043E 06	1.430400E 03	2.276552E 02	0.0	0.0
102	146	2.128996E 06	1.459105E 03	2.322239E 02	0.0	0.0
103	145	2.146300E 06	1.485026E 03	2.331861E 02	0.0	0.0
104	144	2.200062E 06	1.483234E 03	2.360872E 02	0.0	0.0
105	143	2.268295E 06	1.506086E 03	2.397011E 02	0.0	0.0
106	142	2.322197E 06	1.523876E 03	2.425324E 02	0.0	0.0
107	141	2.354383E 06	1.534400E 03	2.442074E 02	0.0	0.0
108	140	2.386333E 06	1.546777E 03	2.458589E 02	0.0	0.0
109	139	2.421246E 06	1.556035E 03	2.476508E 02	0.0	0.0
110	138	2.580265E 06	1.606320E 03	2.556539E 02	0.0	0.0
111	137	2.634084E 06	1.622986E 03	2.583062E 02	0.0	0.0
112	136	2.744574E 06	1.656676E 03	2.634480E 02	0.0	0.0
113	135	2.859745E 06	1.691070E 03	2.691433E 02	0.0	0.0
114	134	2.949427E 06	1.723203E 03	2.742561E 02	0.0	0.0
115	133	3.088716E 06	1.757474E 03	2.797107E 02	0.0	0.0
116	132	3.178578E 06	1.782857E 03	2.837505E 02	0.0	0.0
117	131	3.410852E 06	1.846849E 03	2.939351E 02	0.0	0.0
118	130	3.437866E 06	1.854154E 03	2.950977E 02	0.0	0.0
119	129	3.532955E 06	1.879617E 03	2.991501E 02	0.0	0.0
120	128	3.559148E 06	1.886570E 03	3.002568E 02	0.0	0.0
121	127	3.642144E 06	1.908446E 03	3.037385E 02	0.0	0.0
122	126	3.840805E 06	1.959757E 03	3.119114E 02	0.0	0.0

123	3.881677	06	1.970197	03	1.155071	02	0.0
124	4.101577	06	2.025237	03	1.223257	02	0.0
125	4.325222	06	2.079177	03	1.309971	02	0.0
126	4.462678	06	2.112535	03	1.362202	02	0.0
127	4.510441	06	2.123781	03	1.380109	02	0.0
128	4.563971	06	2.135643	03	1.398987	02	0.0
129	4.606079	06	2.158444	03	1.429138	02	0.0
130	4.664777	06	2.205086	03	1.509515	02	0.0
131	4.704517	06	2.245690	03	1.574726	02	0.0
132	4.720841	06	2.252848	03	1.601433	02	0.0
133	4.795804	06	2.301281	03	1.662603	02	0.0
134	4.861617	06	2.315515	03	1.685256	02	0.0
135	4.901238	06	2.340508	03	1.698840	02	0.0
136	4.957162	06	2.336057	03	1.719497	02	0.0
137	4.975264	06	2.339248	03	1.724111	02	0.0
138	5.058674	06	2.364038	03	1.762403	02	0.0
139	5.109456	06	2.417311	03	1.933802	02	0.0
140	5.287890	06	2.507564	03	1.949413	02	0.0
141	5.358929	06	2.521692	03	2.013396	02	0.0
142	5.471673	06	2.563984	03	2.068828	02	0.0
143	5.586945	06	2.568806	03	2.085196	02	0.0
144	5.735925	06	2.593211	03	2.130541	02	0.0
145	5.912581	06	2.629179	03	2.170087	02	0.0
146	7.110039	06	2.666466	03	2.243811	02	0.0
147	7.142932	06	2.672626	03	2.253616	02	0.0
148	7.488146	06	2.736448	03	2.351931	02	0.0
149	8.066129	06	2.840091	03	2.520149	02	0.0
150	8.093437	06	2.844897	03	2.527731	02	0.0
151	8.172955	06	2.858838	03	2.569436	02	0.0
152	8.560194	06	2.930901	03	2.566188	02	0.0
153	9.180876	06	3.029968	03	2.822386	02	0.0
154	9.266013	06	3.045012	03	2.846695	02	0.0
155	9.523206	06	3.085974	03	2.911479	02	0.0
156	9.775577	06	3.126592	03	2.921452	02	0.0
157	1.006921	07	3.173251	03	2.976125	02	0.0
158	1.024449	07	3.173251	03	3.053131	02	0.0
159	1.041449	07	3.208490	03	3.104702	02	0.0
160	1.041449	07	3.303611	03	3.257401	02	0.0
161	1.121658	07	3.369117	03	3.302866	02	0.0
162	1.156576	07	3.408471	03	3.412645	02	0.0
163	1.168430	07	3.412311	03	3.430844	02	0.0
164	1.168963	07	3.419039	03	3.441570	02	0.0
165	1.201947	07	3.466911	03	3.517761	02	0.0
166	1.223548	07	3.550646	03	3.558062	02	0.0
167	1.290855	07	3.592847	03	3.718193	02	0.0
168	1.294051	07	3.592847	03	3.725269	02	0.0
169	1.326265	07	3.641792	03	3.796091	02	0.0
170	1.358731	07	3.641792	03	3.866541	02	0.0
171	1.440973	07	3.796015	03	3.866541	02	0.0
172	1.467045	07	3.830202	03	3.866541	02	0.0
173	1.538867	07	3.922606	03	3.995957	02	0.0
174	1.705621	07	4.129676	03	4.263394	02	0.0
175	1.743765	07	4.129676	03	4.263394	02	0.0
176	1.760053	07	4.158445	03	4.263394	02	0.0
177	1.798853	07	4.195297	03	4.646062	02	0.0
178	1.811726	07	4.241289	03	4.677021	02	0.0
179	1.970418	07	4.256438	03	4.750222	02	0.0
180	1.992800	07	4.330938	03	4.774331	02	0.0
181	2.024554	07	4.464168	03	4.864788	02	0.0
182	2.102669	07	4.499504	03	7.104944	02	0.0
183	2.154605	07	4.585488	03	7.161144	02	0.0
184	2.215250	07	4.641731	03	7.298032	02	0.0
185	2.355582	07	4.706645	03	7.307612	02	0.0
186	2.403749	07	4.834344	03	7.490857	02	0.0
187	2.422174	07	4.902805	03	7.724480	02	0.0
188	2.454403	07	4.921559	03	7.803037	02	0.0
			4.954191	03	7.832905	02	0.0
					7.884841	02	0.0

199	2.501442E 07	5.061070E 03	3.054944E 02	0.0
190	2.629794E 07	5.124152E 03	8.161709E 02	0.0
191	2.671988E 07	5.171059E 03	8.229959E 02	0.0
192	2.746688E 07	5.288371E 03	4.416704E 02	0.0
193	2.746688E 07	5.346914E 03	8.513022E 02	0.0
194	2.921518E 07	5.406957E 03	8.487455E 02	0.0
195	3.043486E 07	5.516781E 03	8.780229E 02	0.0
196	3.062488E 07	5.533973E 03	8.807593E 02	0.0
197	3.096319E 07	5.564512E 03	8.856196E 02	0.0
198	3.134256E 07	5.598441E 03	8.910198E 02	0.0
199	3.134256E 07	5.745535E 03	9.144304E 02	0.0
200	3.318664E 07	5.760785E 03	9.168574E 02	0.0
201	3.482266E 07	5.901074E 03	9.391853E 02	0.0
202	3.674061E 07	6.061402E 03	9.467021E 02	0.0
203	3.753094E 07	6.126255E 03	9.753229E 02	0.0
204	4.090774E 07	6.355918E 03	1.017942E 03	0.0
205	4.429219E 07	6.655238E 03	1.059214E 03	0.0
206	4.934491E 07	7.024594E 03	1.117999E 03	0.0
207	5.182958E 07	7.199277E 03	1.145801E 03	0.0
208	5.295419E 07	7.276965E 03	1.158165E 03	0.0
209	5.714366E 07	7.559344E 03	1.203107E 03	0.0
210	5.717323E 07	7.561297E 03	1.203418E 03	0.0
211	5.892082E 07	7.675988E 03	1.221672E 03	0.0
212	7.522624E 07	8.713359E 03	1.386774E 03	0.0
213	7.702344E 07	8.776301E 03	1.396792E 03	0.0
214	8.486117E 07	9.212012E 03	1.466137E 03	0.0
215	8.516389E 07	9.228430E 03	1.468750E 03	0.0
216	9.086037E 07	9.532070E 03	1.517074E 03	0.0
217	9.588058E 07	9.780840E 03	1.558281E 03	0.0
218	1.038104E 08	1.017892E 04	1.620025E 03	0.0
219	1.078544E 08	1.036530E 04	1.652872E 03	0.0
220	1.174413E 08	1.083703E 04	1.724767E 03	0.0
221	1.208033E 08	1.099105E 04	1.749281E 03	0.0
222	1.231594E 08	1.109772E 04	1.766257E 03	0.0
223	1.248111E 08	1.117189E 04	1.773062E 03	0.0
224	1.359162E 08	1.165831E 04	1.855478E 03	0.0
225	1.396277E 08	1.181641E 04	1.880640E 03	0.0
226	1.459800E 08	1.208222E 04	1.922945E 03	0.0
227	1.625919E 08	1.275115E 04	2.029409E 03	0.0
228	1.655736E 08	1.286754E 04	2.047933E 03	0.0
229	1.922979E 08	1.386715E 04	2.207026E 03	0.0
230	1.929451E 08	1.389047E 04	2.210737E 03	0.0
231	2.011504E 08	1.418275E 04	2.257255E 03	0.0
232	2.264648E 08	1.504875E 04	2.395083E 03	0.0
233	2.363271E 08	1.537293E 04	2.445679E 03	0.0
234	2.405291E 08	1.550900E 04	2.468346E 03	0.0
235	2.782502E 08	1.648084E 04	2.648306E 03	0.0
236	3.172145E 08	1.781052E 04	2.814612E 03	0.0
237	3.353393E 08	1.831227E 04	2.914489E 03	0.0
238	3.488440E 08	1.867737E 04	2.972596E 03	0.0
239	3.793989E 08	1.967816E 04	3.100047E 03	0.0
240	8.176166E 08	2.859400E 04	4.550875E 03	0.0
241	9.765806E 08	3.125029E 04	4.973637E 03	0.0

44-16 THREE-DIMENSIONAL BUILD-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 9933 LB GROSS WEIGHT  
 NATURAL FREQUENCIES AND MODE SHAPES

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JULY 29, 1974

# E I G E N V A L U E   A N A L Y S I S   S U M M A R Y   R E I V E N S   M E T H O D

NUMBER OF EIGENVALUES EXTRACTED . . . . .	241
NUMBER OF EIGENVECTORS COMPUTED . . . . .	30
NUMBER OF EIGENVALUE CONVERGENCE FAILURES . .	0
NUMBER OF EIGENVECTOR CONVERGENCE FAILURES .	0
REASON FOR TERMINATION . . . . .	1
LARGEST OFF-DIAGONAL MODAL MASS TERM . . . .	0.0
MODE PAIR . . . . .	0
NUMBER OF OFF-DIAGONAL MODAL MASS	
TERMS FAILING CRITERION . . . . .	0

AN-10 THREE-DIMENSIONAL BUILD-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION FLIGHT INFORMATION - 4515 LB GROSS WEIGHT

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NATURAL FREQUENCIES AND MODE SHAPES

ADDITIONS TO CHECKPOINT DICTIONARY

109.	REENTER AT DMAP SEQUENCE NUMBER	97	
109.	PHIG	1.	FILE #
110.	QC	1.	FILE #
111.	XVPS	1.	FILE #
112.	REENTER AT DMAP SEQUENCE NUMBER	100	
113.	SIL	1.	FILE #
114.	SIP	1.	FILE #
115.	BCPOT	1.	FILE #
116.	BCPOP	1.	FILE #
117.	XVPS	1.	FILE #

AR-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 10 - 10000  
 BASIC MISSION WEIGHT CONFIGURATION - 9933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 0.0

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	9.994323E-01	1.211052E-04	9.047171E-04	0.0	0.0	0.0
3339	G	9.993953E-01	1.213698E-04	7.156714E-04	0.0	0.0	0.0
3341	G	9.994210E-01	2.538208E-04	7.221111E-04	0.0	0.0	0.0
3349	G	9.994484E-01	2.543363E-04	7.591500E-04	0.0	0.0	0.0
4631	G	9.994733E-01	5.155384E-05	1.474312E-04	0.0	0.0	0.0
4633	G	9.994607E-01	4.161494E-05	1.048455E-04	0.0	0.0	0.0
4637	G	9.993917E-01	4.105050E-05	6.806431E-04	0.0	0.0	0.0
4639	G	9.993709E-01	5.104720E-05	7.432546E-04	0.0	0.0	0.0
4641	G	9.993484E-01	2.417270E-04	1.203794E-04	0.0	0.0	0.0
4649	G	9.994454E-01	2.462170E-04	7.658135E-04	0.0	0.0	0.0
4661	G	9.994511E-01	4.743970E-04	1.935717E-04	0.0	0.0	0.0
4669	G	9.995330E-01	4.591545E-04	6.964202E-04	0.0	0.0	0.0
6123	G	9.993346E-01	2.424826E-04	2.371642E-05	0.0	0.0	0.0
6127	G	9.993035E-01	2.393542E-04	6.033422E-04	0.0	0.0	0.0
6131	G	9.994241E-01	8.965911E-05	1.304791E-04	0.0	0.0	0.0
6133	G	9.994118E-01	8.953195E-05	2.550226E-05	0.0	0.0	0.0
6137	G	9.993364E-01	9.337156E-05	6.070431E-04	0.0	0.0	0.0
6139	G	9.994243E-01	9.495327E-05	6.899925E-04	0.0	0.0	0.0
6141	G	9.994195E-01	1.244637E-04	1.473313E-04	0.0	0.0	0.0
6143	G	9.995116E-01	1.241833E-04	3.106883E-05	0.0	0.0	0.0
6147	G	9.994509E-01	3.830458E-05	6.114905E-04	0.0	0.0	0.0
6149	G	9.993917E-01	3.776336E-05	6.942109E-04	0.0	0.0	0.0
6161	G	9.995898E-01	7.701733E-04	1.595045E-04	0.0	0.0	0.0
6163	G	9.995812E-01	6.958811E-04	3.377441E-05	0.0	0.0	0.0
6167	G	9.995263E-01	4.253928E-04	6.082547E-04	0.0	0.0	0.0
6169	G	9.994370E-01	1.296275E-04	7.041981E-04	0.0	0.0	0.0
6171	G	9.997184E-01	4.990916E-04	6.460492E-05	0.0	0.0	0.0
6173	G	9.997424E-01	4.927157E-04	6.253355E-05	0.0	0.0	0.0
7031	G	9.994324E-01	1.231012E-04	0.0	0.0	0.0	0.0
7033	G	9.994130E-01	1.236992E-04	1.515949E-04	0.0	0.0	0.0
7037	G	9.993336E-01	1.236972E-04	4.940610E-04	0.0	0.0	0.0
7039	G	9.993175E-01	1.242489E-04	0.0	0.0	0.0	0.0
7043	G	9.995138E-01	0.0	1.517855E-04	0.0	0.0	0.0
7047	G	9.994749E-01	0.0	4.946210E-04	0.0	0.0	0.0
7061	G	9.996107E-01	2.604321E-04	6.932104E-04	0.0	0.0	0.0
7063	G	9.995865E-01	2.604316E-04	1.518475E-04	0.0	0.0	0.0
7067	G	9.995375E-01	6.426859E-05	4.951505E-04	0.0	0.0	0.0
7069	G	9.994972E-01	9.426842E-05	6.178284E-04	0.0	0.0	0.0
7071	G	9.994979E-01	0.0	1.855696E-01	0.0	0.0	0.0
7079	G	9.991777E-01	0.0	1.854796E-01	0.0	0.0	0.0
7505	G	9.991868E-01	6.266459E-04	1.126577E-04	1.243641E-05	1.243641E-05	0.0
8300	G	9.994406E-01	6.039566E-04	3.516486E-05	0.0	0.0	0.0
8531	G	9.994537E-01	1.803163E-04	0.0	0.0	0.0	0.0
8533	G	9.994130E-01	1.811683E-04	3.315497E-04	0.0	0.0	0.0
8537	G	9.993336E-01	1.811693E-04	3.141062E-04	0.0	0.0	0.0
8539	G	9.993139E-01	1.817174E-04	0.0	0.0	0.0	0.0
8543	G	9.995165E-01	0.0	3.318804E-04	0.0	0.0	0.0
8547	G	9.994621E-01	0.0	1.132424E-04	0.0	0.0	0.0
8561	G	9.994544E-01	2.114587E-04	1.004037E-03	0.0	0.0	0.0
8563	G	9.995922E-01	2.114613E-04	3.326007E-04	0.0	0.0	0.0
8567	G	9.994555E-01	1.140335E-04	3.123176E-04	0.0	0.0	0.0
8569	G	9.996791E-01	1.140371E-04	7.775269E-04	0.0	0.0	0.0
8571	G	9.996198E-01	0.0	1.859304E-01	0.0	0.0	0.0
8579	G	9.990491E-01	0.0	1.854399E-01	0.0	0.0	0.0
9303	G	9.992846E-01	9.427779E-04	3.507570E-04	0.0	0.0	0.0
9307	G	9.997489E-01	9.445236E-04	3.556418E-04	0.0	0.0	0.0

9313	9.994883E-01	-7.968550E-04	-3.541347E-04	0.0	0.0
9317	4.994726E-01	-8.104280E-04	2.562805E-04	0.0	0.0
9331	4.994726E-01	-2.205756E-04	-6.156464E-04	0.0	0.0
9333	4.994726E-01	-2.209749E-04	-2.037576E-04	0.0	0.0
9337	4.993214E-01	-2.226789E-04	2.337243E-04	0.0	0.0
9339	4.993193E-01	-2.219685E-04	9.365524E-04	0.0	0.0
9341	0.0	-2.216607E-04	7.581723E-04	0.0	0.0
9343	9.995238E-01	2.116411E-04	-6.627454E-04	0.0	0.0
9347	9.994685E-01	-1.528062E-04	1.678554E-04	0.0	0.0
9349	0.0	1.300247E-04	2.595414E-04	0.0	0.0
9361	9.994817E-01	1.297641E-04	-1.116137E-03	0.0	0.0
9363	9.995915E-01	1.245519E-04	-5.014320E-04	0.0	0.0
9367	9.995714E-01	1.167235E-04	1.364333E-04	0.0	0.0
9369	9.994042E-01	1.230426E-04	2.984905E-04	0.0	0.0
9371	9.996832E-01	4.510349E-04	-1.098063E-03	0.0	0.0
9373	0.0	4.213308E-04	2.579873E-04	0.0	0.0
9377	0.0	3.264991E-04	2.586144E-04	0.0	0.0
9379	9.992456E-01	3.191968E-04	6.597683E-04	0.0	0.0
9397	9.996429E-01	-2.833918E-04	-6.322209E-04	0.0	0.0
11300	9.994674E-01	-3.129648E-04	0.0	0.0	0.0
11503	9.998096E-01	-3.329648E-04	0.0	0.0	0.0
11507	9.994625E-01	-4.002661E-04	0.0	0.0	0.0
11531	9.994281E-01	-4.007823E-04	0.0	0.0	0.0
11533	9.993354E-01	-6.356834E-04	-6.396428E-04	0.0	0.0
11537	9.993379E-01	-6.443177E-04	-6.803133E-04	0.0	0.0
11543	9.995335E-01	-2.764678E-04	-6.404419E-04	0.0	0.0
11547	9.994748E-01	-2.764678E-04	-6.404987E-04	0.0	0.0
11561	9.994697E-01	-6.943087E-05	-1.062595E-03	0.0	0.0
11563	9.995952E-01	-6.943147E-05	-6.410806E-04	0.0	0.0
11567	9.995754E-01	8.244615E-04	-6.806503E-04	0.0	0.0
11569	9.995564E-01	8.245420E-04	2.475762E-03	0.0	0.0
11571	9.813280E-01	0.0	-1.906439E-03	0.0	0.0
11579	9.813509E-01	0.0	-1.889698E-03	0.0	0.0
11700	1.000000E 00	-7.751602E-04	-5.238140E-04	0.0	0.0
9.995862E-01	-2.636821E-04	-8.697039E-04	0.0	0.0	0.0
9.995008E-01	8.191602E-05	-7.679088E-04	0.0	0.0	0.0
9.995109E-01	1.123484E-04	-8.970597E-04	0.0	0.0	0.0
9.997661E-01	1.537058E-04	-1.325376E-03	0.0	0.0	0.0
9.998612E-01	1.432291E-04	-1.823675E-03	0.0	0.0	0.0
9.994962E-01	-1.150711E-04	-7.229317E-04	0.0	0.0	0.0
9.994602E-01	-1.073407E-04	-8.862796E-04	0.0	0.0	0.0
9.995241E-01	-6.617099E-05	-1.294076E-03	0.0	0.0	0.0
9.993584E-01	-8.023868E-05	-2.088546E-03	0.0	0.0	0.0
9.993730E-01	-3.874777E-04	-7.389956E-04	0.0	0.0	0.0
9.994292E-01	-3.975786E-04	-8.630243E-04	0.0	0.0	0.0
9.993491E-01	-5.147816E-04	-1.186274E-03	0.0	0.0	0.0
9.997047E-01	-5.904054E-04	-2.773741E-03	0.0	0.0	0.0
0.0	-3.741218E-04	-8.627544E-04	0.0	0.0	0.0
9.995543E-01	-3.944600E-04	-8.512040E-04	0.0	0.0	0.0
9.994622E-01	-4.172269E-04	-1.16225E-03	0.0	0.0	0.0
9.994670E-01	-3.395522E-04	-1.070673E-03	0.0	0.0	0.0
0.0	-3.697396E-03	-3.577346E-01	0.0	0.0	0.0
9.996059E-01	-2.727592E-04	-8.919642E-04	0.0	0.0	0.0
9.996256E-01	-2.741874E-04	-8.456034E-04	0.0	0.0	0.0
9.995247E-01	7.453787E-04	-1.044146E-03	0.0	0.0	0.0
9.989188E-01	7.172974E-04	2.698037E-03	0.0	0.0	0.0
9.995447E-01	0.0	-8.878098E-04	0.0	0.0	0.0
9.341545E-01	0.0	-3.548737E-01	0.0	0.0	0.0
9.995008E-01	7.948502E-05	-8.003819E-04	0.0	0.0	0.0
9.995402E-01	8.98907E-05	-8.814561E-04	0.0	0.0	0.0
9.997305E-01	1.023482E-04	-1.055419E-03	0.0	0.0	0.0
9.998612E-01	9.425549E-05	-1.104161E-03	0.0	0.0	0.0
9.994863E-01	-2.507506E-05	-7.755468E-04	0.0	0.0	0.0
9.994627E-01	-2.204674E-05	-8.814561E-04	0.0	0.0	0.0
9.995201E-01	-5.079930E-06	-1.055419E-03	0.0	0.0	0.0
9.994186E-01	4.241601E-06	-1.090405E-03	0.0	0.0	0.0



14831	9.993485E-01	-2.197487E-04	-7.447534E-04	0.0	0.0	0.0	0.0
14832	9.993486E-01	-2.188015E-04	-8.827034E-04	0.0	0.0	0.0	0.0
14833	9.993487E-01	-1.715906E-04	-1.013416E-04	0.0	0.0	0.0	0.0
14834	9.993488E-01	-1.565862E-04	-9.226724E-04	0.0	0.0	0.0	0.0
14835	9.993489E-01	-2.713457E-04	-8.122794E-04	0.0	0.0	0.0	0.0
14836	9.993490E-01	-2.737765E-04	-8.570515E-04	0.0	0.0	0.0	0.0
14837	9.993491E-01	-2.966307E-04	-9.245701E-04	0.0	0.0	0.0	0.0
14838	9.993492E-01	-2.694798E-04	-8.715934E-04	0.0	0.0	0.0	0.0
14839	9.993493E-01	-2.384104E-04	-8.181131E-04	0.0	0.0	0.0	0.0
14840	9.993494E-01	-2.341935E-04	-8.534451E-04	0.0	0.0	0.0	0.0
14841	9.993495E-01	-1.674561E-04	-8.833219E-04	0.0	0.0	0.0	0.0
14842	9.993496E-01	-1.340615E-04	-9.302111E-04	0.0	0.0	0.0	0.0
14843	9.993497E-01	-1.610482E-04	-7.687465E-04	0.0	0.0	0.0	0.0
14844	9.993498E-01	-1.352615E-04	-7.972256E-04	0.0	0.0	0.0	0.0
14845	9.993499E-01	-8.405067E-05	-7.835103E-04	0.0	0.0	0.0	0.0
14846	9.993500E-01	-5.850373E-05	-7.653918E-04	0.0	0.0	0.0	0.0
14847	9.993501E-01	3.595965E-05	-8.336141E-04	0.0	0.0	0.0	0.0
14848	9.993502E-01	3.574373E-05	-1.004695E-04	1.255918E-05	-8.842036E-06	-3.011106E-06	-6.733763E-06
14849	9.993503E-01	6.280896E-05	-7.022903E-04	0.0	0.0	0.0	0.0
14850	9.993504E-01	6.597539E-05	-8.130947E-04	0.0	0.0	0.0	0.0
14851	9.993505E-01	6.908415E-05	-8.699014E-04	0.0	0.0	0.0	0.0
14852	9.993506E-01	2.420376E-05	-9.307137E-04	0.0	0.0	0.0	0.0
14853	9.993507E-01	4.810969E-05	-6.832629E-04	0.0	0.0	0.0	0.0
14854	9.993508E-01	4.668042E-05	-7.921204E-04	0.0	0.0	0.0	0.0
14855	9.993509E-01	3.998760E-05	-8.463967E-04	0.0	0.0	0.0	0.0
14856	9.993510E-01	2.943439E-05	-8.899019E-04	0.0	0.0	0.0	0.0
14857	9.993511E-01	5.668256E-05	-9.436498E-04	0.0	0.0	0.0	0.0
14858	9.993512E-01	0.0	-8.76491E-04	0.0	0.0	0.0	0.0
14859	9.993513E-01	0.0	-8.639109E-04	0.0	0.0	0.0	0.0
14860	9.993514E-01	-1.044331E-04	-8.062905E-04	0.0	0.0	0.0	0.0
14861	9.993515E-01	-1.014886E-04	0.0	0.0	0.0	0.0	0.0
14862	9.993516E-01	-6.164416E-05	0.0	0.0	0.0	0.0	0.0
14863	9.993517E-01	-6.204296E-05	0.0	0.0	0.0	0.0	0.0
14864	9.993518E-01	-5.133363E-05	-8.604690E-04	0.0	0.0	0.0	0.0
14865	9.993519E-01	-8.041695E-05	-5.199253E-04	0.0	0.0	0.0	0.0
14866	9.993520E-01	-2.982164E-05	-2.50033E-05	0.0	0.0	0.0	0.0
14867	9.993521E-01	4.214667E-05	-5.522704E-05	0.0	0.0	0.0	0.0
14868	9.993522E-01	4.815320E-05	-1.125639E-04	0.0	0.0	0.0	0.0
14869	9.993523E-01	4.790944E-05	-1.319636E-04	0.0	0.0	0.0	0.0
14870	9.993524E-01	4.555754E-05	-1.316311E-04	0.0	0.0	0.0	0.0
14871	9.993525E-01	3.520276E-07	-6.471944E-05	0.0	0.0	0.0	0.0
14872	9.993526E-01	0.0	-8.155556E-05	0.0	0.0	0.0	0.0
14873	9.993527E-01	-1.591251E-06	-1.160363E-04	0.0	0.0	0.0	0.0
14874	9.993528E-01	-1.561364E-06	-1.396289E-04	0.0	0.0	0.0	0.0
14875	9.993529E-01	-3.665711E-05	-6.918661E-07	0.0	0.0	0.0	0.0
14876	9.993530E-01	-3.553843E-05	-8.29081E-05	0.0	0.0	0.0	0.0
14877	9.993531E-01	-3.671226E-05	-8.251378E-05	0.0	0.0	0.0	0.0
14878	9.993532E-01	-3.972679E-05	-1.210157E-04	0.0	0.0	0.0	0.0
14879	9.993533E-01	-4.328984E-05	-1.396346E-04	0.0	0.0	0.0	0.0
14880	9.993534E-01	-6.33036E-05	0.0	0.0	0.0	0.0	0.0
14881	9.993535E-01	6.914861E-05	-1.096636E-05	5.12017E-06	-1.598611E-05	1.103867E-05	9.645216E-06
14882	9.993536E-01	-7.032260E-05	-2.758034E-05	0.0	-1.265230E-05	8.908873E-06	2.506624E-06
14883	9.993537E-01	-7.594749E-05	-5.908127E-05	0.0	0.0	0.0	0.0
14884	9.993538E-01	-7.748224E-05	-8.615751E-05	0.0	0.0	0.0	0.0
14885	9.993539E-01	-8.162551E-05	-1.135083E-04	0.0	0.0	0.0	0.0
14886	9.993540E-01	-9.73921E-05	-1.443164E-04	0.0	0.0	0.0	0.0
14887	9.993541E-01	-9.73921E-05	-1.523948E-04	0.0	0.0	0.0	0.0
14888	9.993542E-01	-9.331489E-05	-1.551325E-04	0.0	0.0	0.0	0.0
14889	9.993543E-01	-7.922555E-05	-2.246110E-04	0.0	0.0	0.0	0.0
14890	9.993544E-01	-4.401917E-05	-1.542722E-04	0.0	0.0	0.0	0.0
14891	9.993545E-01	-3.40661E-05	-1.569405E-04	0.0	0.0	0.0	0.0
14892	9.993546E-01	-1.229681E-04	-7.412863E-06	0.0	0.0	0.0	0.0
14893	9.993547E-01	-1.029073E-04	-7.371011E-05	0.0	0.0	0.0	0.0
14894	9.993548E-01	-1.086424E-04	-1.566077E-04	0.0	0.0	0.0	0.0
14895	9.993549E-01	-1.089376E-04	-1.621116E-04	0.0	0.0	0.0	0.0





61912	6.997150E-01	-1.119082E-04	-3.127897E-06	4.370742E-06	-7.896179E-06	-5.567935E-07
61913	6.997150E-01	-1.064311E-04	-3.127897E-06	4.370742E-06	-7.896179E-06	-9.346842E-06
61914	6.997150E-01	-1.311234E-04	-3.127897E-06	4.370742E-06	-7.896179E-06	-2.696552E-06
61915	6.997150E-01	-7.942817E-05	4.664980E-06	4.370742E-06	-7.896179E-06	1.093154E-05
61916	6.997150E-01	-7.594209E-05	4.664980E-06	4.370742E-06	-7.896179E-06	1.727184E-05
61917	6.997150E-01	-7.304197E-05	4.664980E-06	4.370742E-06	-7.896179E-06	1.164152E-05
61918	6.997150E-01	-6.306431E-05	5.081248E-05	1.549862E-06	-1.538828E-05	1.997893E-07
61919	6.997150E-01	-5.688243E-05	5.081248E-05	1.549862E-06	-1.538828E-05	-3.732173E-06
61920	6.997150E-01	-6.542704E-05	5.081248E-05	1.549862E-06	-1.538828E-05	-7.936922E-07
61921	6.997150E-01	-6.400272E-05	5.207361E-05	2.666976E-06	-4.499388E-06	5.242417E-06
61922	6.997150E-01	-6.32518E-05	5.207361E-05	2.666976E-06	-4.499388E-06	-6.179428E-07
61923	6.997150E-01	-3.498866E-05	1.359712E-05	2.666976E-06	-4.499388E-06	6.778379E-06
61924	6.997150E-01	5.249714E-06	1.359712E-05	2.666976E-06	-4.499388E-06	6.662094E-07
61925	6.997150E-01	2.795611E-05	1.359712E-05	2.666976E-06	-4.499388E-06	-1.782177E-05
61926	6.997150E-01	1.644977E-05	1.359712E-05	2.666976E-06	-4.499388E-06	-3.006977E-06
61927	6.997150E-01	-1.194967E-04	1.912066E-05	0.0	0.0	0.0
61928	6.997150E-01	-1.102269E-04	1.912066E-05	0.0	0.0	0.0
61929	6.997150E-01	-7.665841E-05	2.056416E-05	-1.74739E-06	-1.269116E-05	-6.161362E-06
61930	6.997150E-01	-6.359238E-05	2.072725E-05	-6.363393E-08	-1.931538E-05	-1.229556E-05
61931	6.997150E-01	-7.710149E-05	5.147314E-05	7.241999E-06	7.271856E-06	1.325161E-06
61932	6.997150E-01	-6.591159E-05	5.154223E-05	1.774002E-06	-7.563331E-06	-6.130942E-07
61933	6.997150E-01	-5.79512E-05	5.134249E-05	1.462377E-06	-7.710742E-06	4.878941E-06
61934	6.997150E-01	-3.284244E-05	5.130451E-05	5.499331E-06	5.795354E-06	5.345103E-06
61935	6.997150E-01	-9.326171E-07	6.546813E-05	8.620248E-06	5.607268E-06	1.620495E-06
61936	6.997150E-01	2.001071E-05	6.525121E-05	1.862386E-05	2.377415E-07	-1.980402E-06
61937	6.997150E-01	-1.179092E-04	5.831329E-05	0.0	0.0	0.0
61938	6.997150E-01	-5.982976E-05	5.776103E-05	0.0	0.0	0.0
61939	6.997150E-01	-7.580947E-05	8.081305E-05	0.0	0.0	0.0
61940	6.997150E-01	-3.143746E-05	8.081305E-05	0.0	0.0	0.0
61941	6.997150E-01	-2.759220E-06	1.073497E-04	0.0	0.0	0.0
61942	6.997150E-01	-1.302561E-05	1.073497E-04	0.0	0.0	0.0
61943	6.997150E-01	-1.127905E-04	9.550547E-05	0.0	0.0	0.0
61944	6.997150E-01	-6.308931E-05	1.134684E-04	0.0	0.0	0.0
61945	6.997150E-01	-7.372526E-05	1.134684E-04	0.0	0.0	0.0
61946	6.997150E-01	-3.144974E-05	1.406941E-04	0.0	0.0	0.0
61947	6.997150E-01	-6.519332E-06	1.406941E-04	0.0	0.0	0.0
61948	6.997150E-01	7.98997E-06	1.406941E-04	0.0	0.0	0.0
61949	6.997150E-01	-1.367080E-04	1.455992E-04	0.0	0.0	0.0
61950	6.997150E-01	-6.570405E-05	1.455992E-04	0.0	0.0	0.0
61951	6.997150E-01	-7.33617E-05	1.608483E-04	0.0	0.0	0.0
61952	6.997150E-01	-1.237942E-05	1.608483E-04	0.0	0.0	0.0
61953	6.997150E-01	-3.133731E-06	1.608483E-04	0.0	0.0	0.0
61954	6.997150E-01	-2.89202E-06	1.837366E-04	5.148599E-06	-1.612448E-06	3.528211E-06
61955	6.997150E-01	-1.315323E-04	1.837366E-04	0.0	0.0	0.0
61956	6.997150E-01	-6.708853E-05	1.925669E-04	0.0	0.0	0.0
61957	6.997150E-01	-6.93662E-05	1.925669E-04	0.0	0.0	0.0
61958	6.997150E-01	-3.312655E-05	2.067711E-04	0.0	0.0	0.0
61959	6.997150E-01	-1.227753E-05	2.067711E-04	0.0	0.0	0.0
61960	6.997150E-01	-2.291938E-06	2.256270E-04	0.0	0.0	0.0
61961	6.997150E-01	-9.66532E-05	2.391666E-04	0.0	0.0	0.0
61962	6.997150E-01	-6.179522E-05	2.391666E-04	0.0	0.0	0.0
61963	6.997150E-01	-6.317899E-05	2.525889E-04	0.0	0.0	0.0
61964	6.997150E-01	-3.436104E-05	2.525889E-04	0.0	0.0	0.0
61965	6.997150E-01	-1.647328E-05	2.682584E-04	0.0	0.0	0.0
61966	6.997150E-01	-6.877470E-06	2.682584E-04	0.0	0.0	0.0
61967	6.997150E-01	-1.153963E-04	1.665685E-04	2.060793E-06	-2.265023E-05	-1.444274E-05
61968	6.997150E-01	-1.127441E-04	1.665685E-04	2.060793E-06	-2.265023E-05	1.877373E-05
61969	6.997150E-01	-1.025865E-04	1.665685E-04	2.060793E-06	-2.265023E-05	-1.211517E-05
61970	6.997150E-01	-9.34877E-05	1.588584E-04	2.232618E-06	-2.738176E-05	-1.794954E-05
61971	6.997150E-01	-9.171391E-05	1.588584E-04	2.232618E-06	-2.738176E-05	-1.468308E-05
61972	6.997150E-01	-8.905934E-05	1.588584E-04	2.232618E-06	-2.738176E-05	-1.602875E-05
61973	6.997150E-01	-6.588671E-05	3.864043E-05	4.664383E-06	-1.007894E-05	6.255749E-06
61974	6.997150E-01	-6.18205E-05	3.864043E-05	4.664383E-06	-1.007894E-05	-3.600150E-06
61975	6.997150E-01	-5.40038E-05	3.864043E-05	4.664383E-06	-1.007894E-05	7.504729E-06
61976	6.997150E-01	-5.13478E-05	3.864043E-05	4.664383E-06	-1.007894E-05	7.593321E-07
61977	6.997150E-01	-5.062178E-05	3.864043E-05	4.664383E-06	-1.007894E-05	-4.704635E-06

71928	9.997003E-01	-9.685228E-05	-5.711193E-05	1.095590E-06	-1.077497E-05	-8.444316E-07
71936	9.996999E-01	1.929147E-05	1.136034E-05	-6.975982E-06	2.715286E-07	4.374447E-06
71937	9.996999E-01	1.361354E-05	1.136034E-05	-4.875982E-06	2.715286E-07	1.421639E-05
71938	9.996999E-01	7.396604E-06	1.136034E-05	4.875982E-06	2.715286E-07	1.681463E-05
72211	9.995999E-01	-1.019393E-06	-1.537977E-06	0.00	0.00	0.00
72213	9.996141E-01	-1.017672E-06	-1.537977E-06	1.605812E-06	-2.754111E-05	1.546502E-05
72217	9.996071E-01	-9.927144E-06	-1.537977E-06	6.016701E-06	-3.196143E-05	-4.624759E-06
72219	9.996474E-01	-9.855372E-05	-1.537977E-06	0.00	0.00	0.00
72221	9.996474E-01	-9.855372E-05	-1.537977E-06	-0.666264E-07	0.00	5.163613E-06
72274	9.996366E-01	-5.502344E-05	-5.675494E-05	4.952258E-06	-1.367050E-05	7.287324E-06
72226	9.996904E-01	-5.210530E-05	-5.741324E-05	5.996254E-06	-1.460720E-05	1.261929E-06
72229	9.997057E-01	-4.633694E-05	-5.741324E-05	9.727328E-07	1.124406E-06	4.351969E-07
72231	9.996806E-01	-1.979761E-05	-5.741324E-05	-2.637398E-06	4.941334E-06	6.192287E-07
72239	9.996971E-01	-9.141125E-06	-5.741324E-05	-1.468807E-05	-3.376054E-06	1.447961E-05
72811	9.996321E-01	-9.464135E-05	-1.509467E-06	0.00	0.00	0.00
72819	9.997056E-01	-9.522964E-05	-1.515330E-06	0.00	0.00	0.00
72821	9.996999E-01	-9.475315E-05	-5.629794E-06	0.00	0.00	0.00
72829	9.997211E-01	-9.675033E-05	-5.629794E-06	0.00	0.00	0.00
72831	9.997356E-01	-1.766927E-05	5.437183E-05	0.00	0.00	0.00
72839	9.997211E-01	1.332966E-05	6.447450E-05	0.00	0.00	0.00
73411	9.996567E-01	-9.027403E-06	-1.314365E-06	0.00	0.00	0.00
73419	9.997253E-01	-8.430311E-06	-1.314365E-06	0.00	0.00	0.00
73421	9.996737E-01	-4.964837E-05	-5.193326E-05	0.00	0.00	0.00
73429	9.997111E-01	-4.326626E-05	-5.193326E-05	0.00	0.00	0.00
73431	9.997255E-01	1.565930E-05	6.413331E-05	0.00	0.00	0.00
73839	9.997424E-01	1.533143E-05	6.413331E-05	0.00	0.00	0.00
74211	9.996925E-01	-8.509020E-05	-1.198694E-06	0.00	0.00	0.00
74219	9.997522E-01	-7.971948E-05	-1.198694E-06	0.00	0.00	0.00
74221	9.997591E-01	-4.291659E-05	-4.473177E-05	0.00	0.00	0.00
74229	9.997694E-01	-3.798231E-05	-4.473177E-05	0.00	0.00	0.00
74231	9.997591E-01	1.433391E-05	5.362204E-05	0.00	0.00	0.00
74239	9.997703E-01	1.558225E-05	5.362204E-05	0.00	0.00	0.00
75011	9.997271E-01	-7.561964E-05	-1.096023E-06	0.00	0.00	0.00
75019	9.997782E-01	-7.214583E-05	-1.096023E-06	0.00	0.00	0.00
75021	9.997437E-01	-3.657429E-05	-3.773937E-05	0.00	0.00	0.00
75029	9.997949E-01	-3.258846E-05	-3.773937E-05	0.00	0.00	0.00
75031	9.997423E-01	1.463265E-05	5.261494E-05	0.00	0.00	0.00
75039	9.997974E-01	1.500309E-05	5.261494E-05	0.00	0.00	0.00
75911	9.997617E-01	-6.785721E-05	-9.956288E-06	0.00	0.00	0.00
75919	9.998043E-01	-6.481708E-05	-9.956288E-06	0.00	0.00	0.00
75921	9.997782E-01	-3.336695E-05	-3.094971E-05	0.00	0.00	0.00
75929	9.998216E-01	-2.705334E-05	-3.094971E-05	0.00	0.00	0.00
75931	9.998100E-01	1.320220E-05	4.717446E-05	0.00	0.00	0.00
75939	9.998246E-01	1.339813E-05	4.717446E-05	0.00	0.00	0.00
122400	9.997403E-01	-7.280253E-05	-2.737522E-05	-3.079656E-07	2.493104E-06	-3.102862E-06
123467	9.996464E-01	-4.791067E-05	-4.673254E-05	0.00	0.00	0.00
123487	9.997011E-01	-3.452153E-05	-4.731257E-05	0.00	0.00	0.00
124800	9.997403E-01	-8.143864E-05	-3.218642E-05	-3.079656E-07	2.493104E-06	-3.102862E-06
125063	9.997292E-01	-8.630905E-05	-4.064855E-05	0.00	0.00	0.00
125065	9.996806E-01	-9.634921E-05	-8.652372E-05	0.00	0.00	0.00
125067	9.996461E-01	-9.640215E-05	-3.185938E-05	0.00	0.00	0.00
125383	9.997639E-01	-9.967739E-05	-9.030620E-05	0.00	0.00	0.00
125387	9.996911E-01	-9.967739E-05	-9.030620E-05	0.00	0.00	0.00
126863	9.996559E-01	-1.507316E-04	-1.342198E-04	0.00	0.00	0.00
127220	9.997403E-01	-1.506247E-04	-1.280062E-04	-3.079656E-07	2.493104E-06	-3.102862E-06
189073	9.997403E-01	-1.505129E-04	-1.342198E-04	0.00	0.00	0.00
189077	9.996272E-01	-1.353295E-04	-1.019617E-05	2.717502E-06	-2.235417E-07	4.218061E-06
200070	9.996272E-01	-1.353295E-04	-1.019617E-05	2.717502E-06	-2.235417E-07	4.218061E-06
200078	9.995704E-01	-8.269432E-05	-4.165312E-05	2.717502E-06	-2.235417E-07	4.218061E-06
200079	9.995704E-01	-8.269432E-05	-4.165312E-05	2.717502E-06	-2.235417E-07	4.218061E-06
200086	9.995694E-01	-8.644334E-05	-4.819412E-06	2.717502E-06	-2.235417E-07	4.218061E-06
200087	9.995694E-01	-8.644334E-05	-4.819412E-06	2.717502E-06	-2.235417E-07	4.218061E-06
200088	9.995694E-01	-8.644334E-05	-4.819412E-06	2.717502E-06	-2.235417E-07	4.218061E-06
200095	9.995694E-01	-1.132622E-04	-4.822478E-06	2.717502E-06	-2.235417E-07	4.218061E-06
200096	9.995694E-01	-1.132622E-04	-4.822478E-06	2.717502E-06	-2.235417E-07	4.218061E-06
200101	9.995694E-01	-1.275864E-04	-4.474334E-06	2.717517E-06	-2.232463E-07	4.218061E-06

200106	9.995610E-01	-1.601569E-04	4.828054E-06	2.717514E-06	-2.441937E-07	4.218061E-06
200114	9.995610E-01	-1.610950E-04	4.833567E-06	2.717515E-06	-2.440850E-07	4.218061E-06
200121	9.995610E-01	-1.609176E-04	4.839391E-06	2.717520E-06	-2.442280E-07	4.218061E-06
200129	9.995579E-01	-2.26578E-04	4.843925E-06	2.717523E-06	-2.520596E-07	4.218061E-06
200137	9.995559E-01	-2.241979E-04	4.843904E-06	2.717513E-06	-2.423599E-07	4.218061E-06
200145	9.995601E-01	-2.461378E-04	4.843904E-06	2.717513E-06	-2.291493E-07	4.218061E-06
200153	9.995521E-01	-2.622256E-04	4.843904E-06	2.717496E-06	-2.250047E-07	4.218061E-06
200155	9.995518E-01	-2.732315E-04	4.843904E-06	2.717496E-06	-2.250047E-07	4.218061E-06
211001	9.998266E-01	2.398375E-04	4.172230E-05	4.221493E-06	-1.339255E-05	2.093337E-06
211002	9.998354E-01	2.566907E-04	4.171059E-05	4.224249E-06	-1.226072E-05	2.093337E-06
211073	9.995162E-01	-1.340014E-05	4.136491E-05	2.717502E-06	-2.235417E-07	4.218061E-06
211077	9.996275E-01	-1.340014E-05	4.136491E-05	2.717502E-06	-2.235417E-07	4.218061E-06
218075	9.995704E-01	-1.733931E-06	8.057267E-06	2.717502E-06	-2.235417E-07	4.218061E-06
218901	9.999266E-01	1.573309E-04	1.193934E-03	4.221493E-06	-1.339255E-05	2.093337E-06
218902	9.998354E-01	1.589306E-04	6.876192E-04	4.224249E-06	-1.226072E-05	2.093337E-06
219101	9.997095E-01	6.273756E-05	1.112319E-03	5.905265E-06	-1.164176E-05	7.902510E-07
219102	9.995614E-01	6.320857E-05	7.114760E-04	5.910936E-06	-1.164176E-05	7.902510E-07
219201	9.996245E-01	3.576473E-05	1.004695E-03	7.114760E-04	-1.164176E-05	7.902510E-07
219202	9.995219E-01	3.597965E-05	8.033614E-04	7.114760E-04	-1.164176E-05	7.902510E-07
220001	9.999237E-01	5.361599E-06	8.882302E-05	1.841733E-06	-1.643948E-05	2.990259E-06
220002	9.998366E-01	3.963663E-06	4.299794E-05	1.841733E-06	-1.643948E-05	2.990259E-06
222001	9.996303E-01	-2.200886E-05	3.643586E-05	1.841733E-06	-1.643948E-05	2.990259E-06
222002	9.996979E-01	-2.216085E-05	6.467635E-07	1.841733E-06	-1.643948E-05	2.990259E-06
222301	9.995787E-01	-2.387802E-05	4.129783E-05	6.467635E-07	-1.544885E-05	1.099268E-06
222302	9.996380E-01	-2.381991E-05	2.427037E-05	6.467635E-07	-1.544885E-05	1.099268E-06
223401	9.999257E-01	-1.652433E-05	3.899721E-05	-2.857974E-07	-1.337644E-05	1.878833E-06
223402	9.998366E-01	-1.310755E-05	1.576978E-04	-2.857974E-07	-1.337644E-05	1.878833E-06
520018	9.999119E-01	-9.049736E-04	5.693788E-05	1.840329E-06	-1.693948E-05	1.42194E-06
520024	9.998199E-01	-9.049736E-04	7.160183E-04	-2.13525E-07	-1.693948E-05	1.42194E-06
520057	9.998298E-01	-9.049736E-04	7.161505E-04	-2.088574E-07	-1.693948E-05	1.42194E-06
520065	9.998321E-01	-9.049736E-04	7.168504E-04	-2.081753E-07	-1.693948E-05	1.42194E-06
520068	9.998332E-01	-9.049736E-04	7.170561E-04	-2.071524E-07	-1.693948E-05	1.42194E-06
520074	9.998366E-01	-9.049736E-04	7.172762E-04	-2.065015E-07	-1.693948E-05	1.42194E-06
520135	9.998366E-01	-9.049736E-04	7.184246E-04	-2.064194E-07	-1.693948E-05	1.42194E-06
520139	9.998546E-01	-9.049736E-04	7.185093E-04	-2.063062E-07	-1.693948E-05	1.42194E-06
520152	9.998586E-01	-9.049741E-04	7.187794E-04	-2.061028E-07	-1.693948E-05	1.42194E-06
520185	9.998685E-01	-9.049741E-04	7.194590E-04	-2.061028E-07	-1.693948E-05	1.42194E-06

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1-614m S50m5 W1 E6W - Adm. 11/14/11 11:11m Adm. 11/15/11

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11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847

LINE	TYPE	T1	T2	T3	A1	A2	A3
3331	C	-6.721044E-02	-2.795595E-05	5.930349E-31	0.0	0.0	0.0
3334	C	-6.721187E-02	-2.795515E-05	5.930426E-31	0.0	0.0	0.0
3341	C	-4.357215E-02	-2.462881E-05	5.900380E-31	0.0	0.0	0.0
3349	C	-4.357263E-02	-2.461983E-05	5.900415E-31	0.0	0.0	0.0
3631	C	-6.724947E-02	-2.989557E-05	5.476505E-31	0.0	0.0	0.0
3633	C	-7.895772E-02	-3.464988E-05	5.476711E-31	0.0	0.0	0.0
3637	C	-7.895772E-02	-3.464988E-05	5.476711E-31	0.0	0.0	0.0
3639	C	-6.721282E-02	-2.988477E-05	5.476535E-31	0.0	0.0	0.0
3641	C	-4.308148E-02	-2.463697E-05	5.476535E-31	0.0	0.0	0.0
3649	C	-4.308524E-02	-2.463257E-05	5.476555E-31	0.0	0.0	0.0
3651	C	-1.649882E-02	-2.621247E-05	5.476538E-31	0.0	0.0	0.0
3659	C	-1.649973E-02	-2.621174E-05	5.476538E-31	0.0	0.0	0.0
6123	C	-9.554267E-02	-3.336823E-05	5.479312E-31	0.0	0.0	0.0
6127	C	-9.554267E-02	-3.336823E-05	5.479312E-31	0.0	0.0	0.0
6131	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6133	C	-7.894778E-02	-3.282527E-05	5.479274E-31	0.0	0.0	0.0
6137	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6139	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6141	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6143	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6145	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6147	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6149	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6151	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6153	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6155	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6157	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6159	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6161	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6163	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6165	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6167	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6169	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6171	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6173	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6175	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6177	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6179	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6181	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6183	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6185	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6187	C	-7.894707E-02	-3.283628E-05	5.479274E-31	0.0	0.0	0.0
6189	C	-7.894707E-02	-3.283628E-05	5.479274E-31			

9313	-1.40908E-01	-1.64059E-05	3.94401E-01	0.0	0.0
9317	-1.40890E-01	-1.76917E-05	3.94402E-01	0.0	0.0
9331	-7.89515E-02	-1.51073E-05	3.94439E-01	0.0	0.0
9333	-7.89475E-02	-1.51105E-05	3.94435E-01	0.0	0.0
9337	-7.89496E-02	-1.50122E-05	3.94437E-01	0.0	0.0
9339	-7.89524E-02	-1.47687E-05	3.94438E-01	0.0	0.0
9341	0.0	2.72427E-05	3.60506E-01	0.0	0.0
9343	-9.60266E-02	2.09713E-05	3.66551E-01	0.0	0.0
9347	-9.60794E-02	1.71877E-05	3.66555E-01	0.0	0.0
9349	0.0	4.07425E-06	3.60503E-01	0.0	0.0
9361	-2.86060E-02	1.15503E-05	3.60562E-01	0.0	0.0
9363	-2.86059E-02	1.12385E-05	3.60917E-01	0.0	0.0
9367	-2.86113E-02	2.22635E-05	3.60917E-01	0.0	0.0
9369	-2.85943E-02	2.24798E-05	3.60956E-01	0.0	0.0
9371	-9.72911E-03	1.29904E-06	3.75905E-01	0.0	0.0
9373	0.0	3.67861E-06	3.60562E-01	0.0	0.0
9377	0.0	3.19640E-05	3.60569E-01	0.0	0.0
9379	-9.74827E-03	3.69207E-05	3.75912E-01	0.0	0.0
11300	-1.08304E-01	1.54352E-05	3.27238E-01	0.0	0.0
11303	-1.40907E-01	1.24363E-05	0.0	0.0	0.0
11307	-7.89508E-01	3.17570E-05	0.0	0.0	0.0
11311	-7.89508E-02	3.17570E-05	0.0	0.0	0.0
11333	-7.89487E-02	3.18865E-05	0.0	0.0	0.0
11339	-7.89443E-02	3.52343E-05	0.0	0.0	0.0
11343	-4.96439E-02	3.07579E-06	0.0	0.0	0.0
11347	-4.96331E-02	3.07579E-06	0.0	0.0	0.0
11349	-4.96388E-02	3.07579E-06	0.0	0.0	0.0
11351	-2.62194E-02	2.93681E-07	0.0	0.0	0.0
11353	-2.62211E-02	2.93681E-07	0.0	0.0	0.0
11357	-2.62256E-02	6.42194E-05	0.0	0.0	0.0
11359	-2.62242E-02	6.42232E-05	0.0	0.0	0.0
11371	6.16763E-02	0.0	0.0	0.0	0.0
11379	6.16640E-02	0.0	0.0	0.0	0.0
11700	-1.1157E-01	-1.59745E-05	3.27238E-01	0.0	0.0
13500	-2.54047E-02	1.96216E-06	0.0	0.0	0.0
13601	-1.37643E-01	5.99597E-06	0.0	0.0	0.0
13603	-1.40905E-01	6.93162E-06	0.0	0.0	0.0
13607	-1.40892E-01	8.31258E-06	0.0	0.0	0.0
13609	-1.37625E-01	8.39555E-06	0.0	0.0	0.0
13621	-1.11648E-01	2.72480E-06	0.0	0.0	0.0
13623	-1.11651E-01	2.72480E-06	0.0	0.0	0.0
13627	-1.11648E-01	2.72480E-06	0.0	0.0	0.0
13629	-1.11650E-01	2.72480E-06	0.0	0.0	0.0
13631	-7.89525E-02	1.66934E-05	0.0	0.0	0.0
13633	-7.89467E-02	1.71365E-05	0.0	0.0	0.0
13637	-7.89469E-02	2.27004E-05	0.0	0.0	0.0
13639	-7.89266E-02	2.62644E-05	0.0	0.0	0.0
13641	0.0	9.51741E-06	0.0	0.0	0.0
13643	-4.96065E-02	1.13975E-05	0.0	0.0	0.0
13647	-4.96147E-02	1.32640E-05	0.0	0.0	0.0
13649	-4.96117E-02	1.54639E-05	0.0	0.0	0.0
13651	0.0	1.58759E-04	0.0	0.0	0.0
13653	-2.32298E-02	1.35651E-05	0.0	0.0	0.0
13657	-2.32287E-02	1.35651E-05	0.0	0.0	0.0
13659	-2.40799E-02	5.97111E-05	0.0	0.0	0.0
13671	1.54933E-02	5.85530E-05	0.0	0.0	0.0
13679	1.08266E-01	0.0	0.0	0.0	0.0
14801	-1.37543E-01	4.89798E-06	0.0	0.0	0.0
14803	-1.40905E-01	5.35741E-06	0.0	0.0	0.0
14807	-1.40895E-01	7.08304E-06	0.0	0.0	0.0
14809	-1.37625E-01	6.89780E-06	0.0	0.0	0.0
14821	-1.11648E-01	2.50578E-06	0.0	0.0	0.0
14823	-1.11650E-01	2.46861E-06	0.0	0.0	0.0
14827	-1.11648E-01	1.95087E-06	0.0	0.0	0.0
14829	-1.11653E-01	2.32141E-06	0.0	0.0	0.0



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18661	-1.505398E-02	-1.448093E-06	9.028973E-02	-2.206427E-09	1.761116E-03	1.794708E-06
18662	-1.505047E-02	-1.452437E-06	9.028470E-02	-2.206427E-09	1.761116E-03	1.698766E-06
18663	-1.504874E-02	-1.456181E-06	9.028470E-02	-2.206427E-09	1.761116E-03	1.613776E-06
18664	-1.504701E-02	-1.459925E-06	9.028470E-02	-2.206427E-09	1.761116E-03	1.528786E-06
18665	-1.504528E-02	-1.463669E-06	9.028470E-02	-2.206427E-09	1.761116E-03	1.443796E-06
18666	-1.504355E-02	-1.467413E-06	9.028470E-02	-2.206427E-09	1.761116E-03	1.358806E-06
18667	-1.504182E-02	-1.471157E-06	9.028470E-02	-2.206427E-09	1.761116E-03	1.273816E-06
18668	-1.504009E-02	-1.474901E-06	9.028470E-02	-2.206427E-09	1.761116E-03	1.188826E-06
18669	-1.503836E-02	-1.478645E-06	9.028470E-02	-2.206427E-09	1.761116E-03	1.103836E-06
18670	-1.503663E-02	-1.482389E-06	9.028470E-02	-2.206427E-09	1.761116E-03	1.018846E-06
18671	-1.503490E-02	-1.486133E-06	9.028470E-02	-2.206427E-09	1.761116E-03	9.338556E-07
18672	-1.503317E-02	-1.489877E-06	9.028470E-02	-2.206427E-09	1.761116E-03	8.488266E-07
18673	-1.503144E-02	-1.493621E-06	9.028470E-02	-2.206427E-09	1.761116E-03	7.637976E-07
18674	-1.502971E-02	-1.497365E-06	9.028470E-02	-2.206427E-09	1.761116E-03	6.787686E-07
18675	-1.502798E-02	-1.501109E-06	9.028470E-02	-2.206427E-09	1.761116E-03	5.937396E-07
18676	-1.502625E-02	-1.504853E-06	9.028470E-02	-2.206427E-09	1.761116E-03	5.087106E-07
18677	-1.502452E-02	-1.508597E-06	9.028470E-02	-2.206427E-09	1.761116E-03	4.236816E-07
18678	-1.502279E-02	-1.512341E-06	9.028470E-02	-2.206427E-09	1.761116E-03	3.386526E-07
18679	-1.502106E-02	-1.516085E-06	9.028470E-02	-2.206427E-09	1.761116E-03	2.536236E-07
18680	-1.501933E-02	-1.519829E-06	9.028470E-02	-2.206427E-09	1.761116E-03	1.685946E-07
18681	-1.501760E-02	-1.523573E-06	9.028470E-02	-2.206427E-09	1.761116E-03	8.359656E-08
18682	-1.501587E-02	-1.527317E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18683	-1.501414E-02	-1.531061E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18684	-1.501241E-02	-1.534805E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18685	-1.501068E-02	-1.538549E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18686	-1.500895E-02	-1.542293E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18687	-1.500722E-02	-1.546037E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18688	-1.500549E-02	-1.549781E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18689	-1.500376E-02	-1.553525E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18690	-1.500203E-02	-1.557269E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18691	-1.500030E-02	-1.561013E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18692	-1.499857E-02	-1.564757E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18693	-1.499684E-02	-1.568501E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18694	-1.499511E-02	-1.572245E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18695	-1.499338E-02	-1.575989E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18696	-1.499165E-02	-1.579733E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18697	-1.498992E-02	-1.583477E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18698	-1.498819E-02	-1.587221E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18699	-1.498646E-02	-1.590965E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18700	-1.498473E-02	-1.594709E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18701	-1.498300E-02	-1.598453E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18702	-1.498127E-02	-1.602197E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18703	-1.497954E-02	-1.605941E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18704	-1.497781E-02	-1.609685E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18705	-1.497608E-02	-1.613429E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18706	-1.497435E-02	-1.617173E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18707	-1.497262E-02	-1.620917E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18708	-1.497089E-02	-1.624661E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18709	-1.496916E-02	-1.628405E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18710	-1.496743E-02	-1.632149E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18711	-1.496570E-02	-1.635893E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18712	-1.496397E-02	-1.639637E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18713	-1.496224E-02	-1.643381E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18714	-1.496051E-02	-1.647125E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18715	-1.495878E-02	-1.650869E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18716	-1.495705E-02	-1.654613E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18717	-1.495532E-02	-1.658357E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18718	-1.495359E-02	-1.662101E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18719	-1.495186E-02	-1.665845E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18720	-1.495013E-02	-1.669589E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18721	-1.494840E-02	-1.673333E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18722	-1.494667E-02	-1.677077E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18723	-1.494494E-02	-1.680821E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18724	-1.494321E-02	-1.684565E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18725	-1.494148E-02	-1.688309E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18726	-1.493975E-02	-1.692053E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18727	-1.493802E-02	-1.695797E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18728	-1.493629E-02	-1.699541E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18729	-1.493456E-02	-1.703285E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18730	-1.493283E-02	-1.707029E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18731	-1.493110E-02	-1.710773E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18732	-1.492937E-02	-1.714517E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18733	-1.492764E-02	-1.718261E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18734	-1.492591E-02	-1.722005E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18735	-1.492418E-02	-1.725749E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18736	-1.492245E-02	-1.729493E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18737	-1.492072E-02	-1.733237E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18738	-1.491899E-02	-1.736981E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18739	-1.491726E-02	-1.740725E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18740	-1.491553E-02	-1.744469E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18741	-1.491380E-02	-1.748213E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18742	-1.491207E-02	-1.751957E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18743	-1.491034E-02	-1.755701E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18744	-1.490861E-02	-1.759445E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18745	-1.490688E-02	-1.763189E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18746	-1.490515E-02	-1.766933E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18747	-1.490342E-02	-1.770677E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18748	-1.490169E-02	-1.774421E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18749	-1.490000E-02	-1.778165E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18750	-1.489827E-02	-1.781909E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18751	-1.489654E-02	-1.785653E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18752	-1.489481E-02	-1.789397E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18753	-1.489308E-02	-1.793141E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18754	-1.489135E-02	-1.796885E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18755	-1.488962E-02	-1.800629E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18756	-1.488789E-02	-1.804373E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18757	-1.488616E-02	-1.808117E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18758	-1.488443E-02	-1.811861E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18759	-1.488270E-02	-1.815605E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18760	-1.488097E-02	-1.819349E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18761	-1.487924E-02	-1.823093E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18762	-1.487751E-02	-1.826837E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18763	-1.487578E-02	-1.830581E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18764	-1.487405E-02	-1.834325E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18765	-1.487232E-02	-1.838069E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18766	-1.487059E-02	-1.841813E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18767	-1.486886E-02	-1.845557E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18768	-1.486713E-02	-1.849301E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18769	-1.486540E-02	-1.853045E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18770	-1.486367E-02	-1.856789E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18771	-1.486194E-02	-1.860533E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18772	-1.486021E-02	-1.864277E-06	9.028470E-02	-2.206427E-09	1.761116E-03	0.0
18773	-1.485848E-02	-1.868021E-06	9.028470E-02			



61912	-1.578424E-06	9.028873E-02	1.403532E-08	3.261648E-03	1.824631E-06
61913	-1.563060E-06	9.028873E-02	1.403532E-08	3.261648E-03	2.525266E-06
61914	-1.547614E-06	9.028873E-02	1.403532E-08	3.261648E-03	2.084575E-06
61915	-1.532168E-06	9.028873E-02	1.403532E-08	3.261648E-03	1.400794E-06
61916	-1.516722E-06	9.028873E-02	1.403532E-08	3.261648E-03	1.921134E-06
61917	-1.501276E-06	9.028873E-02	1.403532E-08	3.261648E-03	1.537424E-06
61918	-1.485830E-06	9.028873E-02	1.403532E-08	3.261648E-03	2.382988E-07
61919	-1.470384E-06	9.028873E-02	1.403532E-08	3.261648E-03	4.197081E-07
61920	-1.454938E-06	9.028873E-02	1.403532E-08	3.261648E-03	1.309237E-07
61921	-1.439492E-06	9.028873E-02	1.403532E-08	3.261648E-03	1.022734E-07
61922	-1.424046E-06	9.028873E-02	1.403532E-08	3.261648E-03	4.022396E-07
61923	-1.408600E-06	9.028873E-02	1.403532E-08	3.261648E-03	1.605260E-07
61924	-1.393154E-06	9.028873E-02	1.403532E-08	3.261648E-03	2.738680E-07
61925	-1.377708E-06	9.028873E-02	1.403532E-08	3.261648E-03	9.266756E-07
61926	-1.362262E-06	9.028873E-02	1.403532E-08	3.261648E-03	4.147166E-07
61927	-1.346816E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61928	-1.331370E-06	9.028873E-02	1.403532E-08	3.261648E-03	1.864041E-07
61929	-1.315924E-06	9.028873E-02	1.403532E-08	3.261648E-03	1.154117E-07
61930	-1.300478E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61931	-1.285032E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61932	-1.269586E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61933	-1.254140E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61934	-1.238694E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61935	-1.223248E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61936	-1.207802E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61937	-1.192356E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61938	-1.176910E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61939	-1.161464E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61940	-1.146018E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61941	-1.130572E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61942	-1.115126E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61943	-1.099680E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61944	-1.084234E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61945	-1.068788E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61946	-1.053342E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61947	-1.037896E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61948	-1.022450E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61949	-1.007004E-06	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61950	-9.91558E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61951	-9.76416E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61952	-9.61274E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61953	-9.46132E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61954	-9.30990E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61955	-9.15848E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61956	-9.00706E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61957	-8.85564E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61958	-8.70422E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61959	-8.55280E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61960	-8.40138E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61961	-8.25000E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61962	-8.09862E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61963	-7.94724E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61964	-7.79586E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61965	-7.64448E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61966	-7.49310E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61967	-7.34172E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61968	-7.19034E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61969	-7.03896E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61970	-6.88758E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61971	-6.73620E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61972	-6.58482E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61973	-6.43344E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61974	-6.28206E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61975	-6.13068E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61976	-5.97930E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61977	-5.82792E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61978	-5.67654E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61979	-5.52516E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61980	-5.37378E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61981	-5.22240E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61982	-5.07102E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61983	-4.91964E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61984	-4.76826E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61985	-4.61688E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61986	-4.46550E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61987	-4.31412E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61988	-4.16274E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61989	-4.01136E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61990	-3.86000E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61991	-3.70862E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61992	-3.55724E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61993	-3.40586E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61994	-3.25448E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61995	-3.10310E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61996	-2.95172E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61997	-2.80034E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61998	-2.64896E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
61999	-2.49758E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62000	-2.34620E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62001	-2.19482E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62002	-2.04344E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62003	-1.89206E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62004	-1.74068E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62005	-1.58930E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62006	-1.43792E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62007	-1.28654E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62008	-1.13516E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62009	-1.00000E-07	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62010	-8.64842E-08	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62011	-7.29686E-08	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62012	-5.94530E-08	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62013	-4.59414E-08	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62014	-3.24298E-08	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62015	-1.89182E-08	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62016	-5.50706E-09	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62017	-4.15590E-09	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62018	-2.80474E-09	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62019	-1.45358E-09	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62020	-1.10242E-09	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62021	-7.51266E-10	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62022	-4.02150E-10	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62023	-2.67034E-10	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62024	-1.31918E-10	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62025	-6.68062E-11	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62026	-3.32946E-11	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62027	-1.67830E-11	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62028	-8.39184E-12	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62029	-4.19538E-12	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62030	-2.09892E-12	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62031	-1.05246E-12	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62032	-5.26230E-13	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62033	-2.63114E-13	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62034	-1.31558E-13	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62035	-6.57790E-14	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62036	-3.28894E-14	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62037	-1.64447E-14	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62038	-8.22235E-15	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62039	-4.11117E-15	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62040	-2.05558E-15	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62041	-1.02779E-15	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62042	-5.13895E-16	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62043	-2.56947E-16	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62044	-1.28473E-16	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62045	-6.42365E-17	9.028873E-02	1.403532E-08	3.261648E-03	0.0
62046	-3.21182E-17	9.028873E-02	1.403532E-08	3.261648E-03	0.0
6204					

71325	-2.10-160E-07	-3.25-2040E-07	5.555591E-12	1.713541E-07	3.263045E-03	4.334640E-07
71326	-4.4-379E-07	2.121942E-07	-1.481147E-06	1.272403E-06	3.263110E-03	-1.394492E-07
71327	-5.35-191E-07	-1.381949E-07	-1.181949E-07	1.272403E-06	3.263110E-03	-1.472824E-06
71328	-5.25-139E-07	-5.12425E-06	8.806705E-06	0.0	0.0	-1.101661E-06
72211	-1.35-141E-07	-5.54617E-06	8.806705E-06	0.0	0.0	0.0
72212	-1.52079E-07	-4.85330E-06	8.806711E-06	5.157736E-06	3.262209E-03	-1.497760E-06
72213	-4.15355E-07	-1.242310E-06	8.806711E-06	-2.4301250E-07	3.262209E-03	1.75437E-06
72214	-4.63603E-07	-4.90141E-07	8.806705E-06	0.0	0.0	0.0
72215	-2.04-114E-07	-1.252170E-06	5.379514E-07	4.811291E-07	3.263045E-03	1.260956E-08
72216	-2.64214E-07	-2.56-186E-06	5.379516E-07	2.4431279E-07	3.260714E-03	9.235760E-08
72217	-4.613592E-07	-1.03159E-06	5.379521E-07	9.548928E-08	3.261155E-03	3.1609472E-07
72218	-5.25626E-07	-4.22497E-07	5.379527E-07	4.617159E-07	3.263112E-03	3.185303E-07
72219	-4.527511E-07	-5.45637E-07	-6.541676E-06	6.656959E-07	3.259117E-03	-1.395340E-07
72220	-5.26277E-07	1.274856E-06	-6.54596E-06	1.833259E-06	0.0	0.0
72221	-1.35953E-07	-2.769229E-06	8.37634E-07	0.0	0.0	0.0
72222	-4.39459E-07	-9.78491E-07	8.37634E-07	0.0	0.0	0.0
72223	-2.31447E-07	-3.624174E-06	5.040130E-07	0.0	0.0	0.0
72224	-5.33120E-07	-4.33741E-07	5.040131E-07	0.0	0.0	0.0
72225	-4.33992E-07	-6.62935E-07	-1.30767E-05	0.0	0.0	0.0
72226	-1.35-295E-07	-5.46971E-06	7.929331E-07	0.0	0.0	0.0
72227	-4.15-176E-07	-1.50844E-06	7.929331E-07	0.0	0.0	0.0
72228	-2.55-272E-07	-1.66406E-06	4.687795E-07	0.0	0.0	0.0
72229	-4.77466E-07	-5.52803E-07	4.687795E-07	0.0	0.0	0.0
72230	-4.15-150E-07	-7.138310E-07	-1.26089E-05	0.0	0.0	0.0
72231	-4.845310E-07	-2.4-106E-06	-1.26089E-05	0.0	0.0	0.0
72232	-1.35-174E-07	-5.177434E-06	7.299340E-07	0.0	0.0	0.0
72233	-3.871810E-07	-2.325370E-06	7.299340E-07	0.0	0.0	0.0
72234	-2.30477E-07	-3.52734E-06	4.191419E-07	0.0	0.0	0.0
72235	-4.73-17E-07	-7.137074E-07	4.191419E-07	0.0	0.0	0.0
72236	-1.62-133E-07	-4.291372E-07	-1.57352E-05	0.0	0.0	1.260000E-07
72237	-4.55-273E-07	-4.50949E-07	-1.57352E-05	0.0	0.0	0.0
72238	-1.35-140E-07	-5.31593E-06	6.689219E-07	0.0	0.0	0.0
72239	-3.46264E-07	-2.4-7592E-06	6.689219E-07	0.0	0.0	0.0
72240	-2.04-231E-07	-1.65349E-06	3.708889E-07	0.0	0.0	0.0
72241	-4.15-133E-07	-1.151311E-06	3.708889E-07	0.0	0.0	0.0
72242	-4.6-242E-07	-1.214593E-06	-1.88230E-05	0.0	0.0	0.0
72243	-4.25501E-07	-4.13321E-07	-1.88230E-05	0.0	0.0	0.0
72244	-1.35-140E-07	-4.90582E-06	6.075890E-07	0.0	0.0	0.0
72245	-3.12348E-07	-2.73921E-06	6.075890E-07	0.0	0.0	0.0
72246	-3.83759E-07	-1.42747E-06	3.225407E-07	0.0	0.0	0.0
72247	-3.36152E-07	-1.42747E-06	3.225407E-07	0.0	0.0	0.0
72248	-3.96476E-07	-4.105019E-07	-2.238172E-05	0.0	0.0	0.0
72249	-5.15355E-07	-3.44205E-05	-3.286485E-07	0.0	0.0	0.0
72250	-2.04-206E-07	-8.947641E-07	-6.67686E-07	0.0	0.0	0.0
72251	1.76244E-07	-3.27345E-05	-6.67686E-07	0.0	0.0	0.0
72252	5.15355E-07	-2.312551E-05	-1.110342E-01	0.0	0.0	0.0
72253	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72254	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72255	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72256	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72257	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72258	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72259	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72260	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72261	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72262	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72263	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72264	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72265	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72266	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72267	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72268	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72269	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72270	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72271	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72272	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72273	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72274	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72275	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72276	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72277	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72278	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72279	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72280	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72281	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72282	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72283	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72284	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72285	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72286	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72287	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72288	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72289	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72290	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72291	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72292	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72293	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72294	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72295	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72296	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72297	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72298	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72299	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72300	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0
72301	-2.04-149E-07	-2.421149E-06	-1.110342E-01	0.0	0.0	0.0

200114	1.166956E-01	-3.670467E-06	4.545135E-02	9.708149E-08	3.260424E-03	5.822999E-08
200115	1.467790E-01	-4.207527E-06	4.545135E-02	6.708136E-08	3.260431E-03	5.822999E-08
200121	1.656020E-01	-4.677113E-06	4.545135E-02	6.708344E-08	3.260425E-03	5.822999E-08
200129	1.166454E-01	-5.211378E-06	4.545135E-02	6.708296E-08	3.260425E-03	5.822999E-08
200137	2.177680E-01	-5.750442E-06	4.545135E-02	6.708296E-08	3.260425E-03	5.822999E-08
200145	2.468523E-01	-6.287135E-06	4.545135E-02	6.708296E-08	3.260433E-03	5.822999E-08
200151	2.615533E-01	-6.507671E-06	4.545135E-02	6.708296E-08	3.260435E-03	5.822999E-08
200155	2.763580E-01	-6.955923E-06	4.545135E-02	6.708296E-08	3.260435E-03	5.822999E-08
211001	-2.049999E-01	1.230812E-05	3.383574E-01	1.377997E-07	3.261682E-03	-1.138652E-07
211002	-2.049999E-01	8.001568E-06	1.383533E-01	1.369302E-07	3.261684E-03	-3.243384E-08
211073	2.400097E-02	-1.081243E-06	7.238946E-03	6.707933E-08	3.260430E-03	5.822999E-08
211077	2.400241E-02	-1.081243E-06	7.237274E-03	6.707933E-08	3.260430E-03	5.822999E-08
214075	2.400169E-02	-9.193636E-07	-1.025844E-03	6.707933E-08	3.260430E-03	5.822999E-08
214901	-2.049999E-01	7.898413E-06	2.097593E-01	1.377997E-07	3.261682E-03	-1.138652E-07
214902	-2.049999E-01	6.722700E-06	2.097749E-01	1.369302E-07	3.261684E-03	-3.243384E-08
215101	-1.441620E-01	4.851088E-06	2.025199E-01	1.796917E-07	3.261797E-03	5.827803E-09
215102	-1.441632E-01	3.878640E-06	2.025422E-01	1.834303E-07	3.261688E-03	9.887958E-08
215201	-1.300067E-01	4.029771E-06	2.205659E-01	2.179910E-07	3.261780E-03	1.193603E-07
215222	-1.300114E-01	3.083939E-06	2.205721E-01	2.216856E-07	3.261719E-03	1.996346E-07
222001	-2.049999E-01	1.651243E-06	-2.096067E-02	9.282604E-08	3.261377E-03	-1.778384E-08
222002	-2.049999E-01	1.810553E-06	-2.095618E-02	9.226875E-08	3.261652E-03	-6.379264E-08
22201	-1.441709E-01	2.106011E-07	-2.845922E-02	6.048003E-08	3.261362E-03	4.213054E-08
22202	-1.441711E-01	2.418544E-07	-2.845878E-02	5.931895E-08	3.261576E-03	-2.168003E-08
222301	-1.278641E-01	-2.582530E-09	3.668224E-02	3.111897E-08	3.261413E-03	1.267112E-08
222302	-1.278637E-01	2.071760E-09	3.648163E-02	3.014503E-08	3.261512E-03	-2.233270E-08
223401	-2.049999E-01	1.392487E-06	-6.841367E-02	9.226875E-08	3.261377E-03	-1.778384E-08
223402	-2.049999E-01	8.823690E-07	-6.841325E-02	9.226875E-08	3.261652E-03	-6.379264E-08
220018	1.566532E-01	-2.328963E-05	-1.000400E-00	2.948847E-09	3.260199E-03	-7.993265E-08
520024	1.566532E-01	-2.328963E-05	-9.999999E-01	7.793076E-09	3.260199E-03	-4.650292E-08
520057	1.566536E-01	-2.328963E-05	-9.999999E-01	1.826324E-08	3.260199E-03	-8.035869E-08
520065	1.566536E-01	-2.328963E-05	-9.999999E-01	-1.690470E-09	3.260199E-03	-5.045975E-08
520068	1.566537E-01	-2.328963E-05	-9.999999E-01	-4.958418E-09	3.260199E-03	-4.673108E-08
520079	1.566537E-01	-2.328963E-05	-9.999999E-01	1.172066E-09	3.260199E-03	-5.611833E-08
520135	1.566542E-01	-2.328963E-05	-9.999977E-01	2.272296E-08	3.260199E-03	-7.686413E-08
520139	1.566542E-01	-2.328963E-05	-9.999977E-01	1.208173E-08	3.260199E-03	-6.214361E-08
520152	1.566543E-01	-2.328964E-05	-9.999997E-01	-6.040867E-09	3.260199E-03	-3.717776E-08
520185	1.566544E-01	-2.328964E-05	-9.999997E-01	-6.040864E-09	3.260199E-03	-3.717776E-08

NATURAL FREQUENCIES AND MODE SHAPES  
 INTERVAL 0.00

POINT NO.	TYPE	T1	T2	T3	01	2	3
1511	1	1.59510E-02	7.40339E-01	-3.15149E-04	0.0	0.0	0.0
1512	2	-1.59462E-02	7.40339E-01	-3.15149E-04	0.0	0.0	0.0
1513	3	2.26141E-02	7.40218E-01	-2.81140E-04	0.0	0.0	0.0
1514	4	-2.26094E-02	7.40218E-01	-2.81140E-04	0.0	0.0	0.0
1515	5	3.73360E-02	5.47933E-01	-1.73376E-04	0.0	0.0	0.0
1516	6	-3.73306E-02	5.47933E-01	-1.73376E-04	0.0	0.0	0.0
1517	7	2.95560E-02	5.47933E-01	-2.08289E-04	0.0	0.0	0.0
1518	8	-2.95505E-02	5.47933E-01	-2.08289E-04	0.0	0.0	0.0
1519	9	3.73306E-02	5.47933E-01	-1.73376E-04	0.0	0.0	0.0
1520	10	-3.73306E-02	5.47933E-01	-1.73376E-04	0.0	0.0	0.0
1521	11	4.02610E-02	5.47933E-01	-1.60211E-04	0.0	0.0	0.0
1522	12	-4.02610E-02	5.47933E-01	-1.60211E-04	0.0	0.0	0.0
1523	13	3.16729E-02	5.47933E-01	-1.98907E-04	0.0	0.0	0.0
1524	14	-3.16729E-02	5.47933E-01	-1.98907E-04	0.0	0.0	0.0
1525	15	3.26052E-02	4.98169E-01	-1.52933E-04	0.0	0.0	0.0
1526	16	-3.26052E-02	4.98169E-01	-1.52933E-04	0.0	0.0	0.0
1527	17	5.04816E-02	4.98169E-01	-6.50351E-04	0.0	0.0	0.0
1528	18	-5.04816E-02	4.98169E-01	-6.50351E-04	0.0	0.0	0.0
1529	19	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1530	20	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1531	21	4.92926E-02	4.98169E-01	-5.50635E-04	0.0	0.0	0.0
1532	22	-4.92926E-02	4.98169E-01	-5.50635E-04	0.0	0.0	0.0
1533	23	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1534	24	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1535	25	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1536	26	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1537	27	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1538	28	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1539	29	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1540	30	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1541	31	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1542	32	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1543	33	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1544	34	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1545	35	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1546	36	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1547	37	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1548	38	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1549	39	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1550	40	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1551	41	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1552	42	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1553	43	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1554	44	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1555	45	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1556	46	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1557	47	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1558	48	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1559	49	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1560	50	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1561	51	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1562	52	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1563	53	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1564	54	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1565	55	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1566	56	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1567	57	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1568	58	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1569	59	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1570	60	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1571	61	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1572	62	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1573	63	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1574	64	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1575	65	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1576	66	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1577	67	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1578	68	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1579	69	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1580	70	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1581	71	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1582	72	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1583	73	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1584	74	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1585	75	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1586	76	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1587	77	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1588	78	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1589	79	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1590	80	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1591	81	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1592	82	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1593	83	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1594	84	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1595	85	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1596	86	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1597	87	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1598	88	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1599	89	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1600	90	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1601	91	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1602	92	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1603	93	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1604	94	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1605	95	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1606	96	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1607	97	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1608	98	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1609	99	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1610	100	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1611	101	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1612	102	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1613	103	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1614	104	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1615	105	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1616	106	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1617	107	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1618	108	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1619	109	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1620	110	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1621	111	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1622	112	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1623	113	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1624	114	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1625	115	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1626	116	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1627	117	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1628	118	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1629	119	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1630	120	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1631	121	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1632	122	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1633	123	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1634	124	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1635	125	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1636	126	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1637	127	3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1638	128	-3.25940E-02	4.98169E-01	-1.52827E-04	0.0	0.0	0.0
1639	129	3.25940E-02	4				





1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
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200106	1.36549E-04	9.54984E-07	-2.40930E-05	-4.940210E-07	-1.443001E-06	-3.261033E-03
200114	-1.51162E-04	9.55055E-07	-2.40930E-05	-8.93784E-07	-1.842997E-06	-3.261033E-03
200121	-1.64259E-04	4.55119E-07	-2.40930E-05	-8.93784E-07	-1.842997E-06	-3.261033E-03
200124	-1.74982E-04	9.55187E-07	-2.40930E-05	-8.93784E-07	-1.842997E-06	-3.261033E-03
200137	-1.93727E-04	4.55261E-07	-2.40930E-05	-8.940286E-07	-1.842999E-06	-3.261033E-03
200145	-2.08471E-04	4.55327E-07	-2.40930E-05	-8.942358E-07	-1.842999E-06	-3.261033E-03
200153	-2.22772E-04	4.55402E-07	-2.40930E-05	-8.945203E-07	-1.842999E-06	-3.261033E-03
200155	-2.26845E-04	4.55421E-07	-2.40930E-05	-8.945203E-07	-1.842999E-06	-3.261033E-03
211001	-1.30416E-01	3.396693E-03	-1.110236E-03	-1.179707E-05	-7.356181E-04	-3.271176E-03
211002	1.30558E-01	3.396693E-03	-1.110236E-03	-1.179707E-05	-7.356181E-04	-3.271176E-03
211071	4.02108E-02	7.253884E-03	-1.355680E-03	-8.940162E-07	-1.842996E-06	-3.261033E-03
211077	4.04397E-02	7.253884E-03	-1.355680E-03	-8.940162E-07	-1.842996E-06	-3.261033E-03
214075	8.41977E-05	-1.811983E-03	2.630380E-06	-8.940162E-07	-1.842996E-06	-3.261033E-03
214901	-1.30416E-01	2.106802E-01	-8.202603E-04	1.179738E-05	-7.356181E-04	-3.271176E-03
214902	1.30558E-01	2.106802E-01	-8.202603E-04	1.179738E-05	-7.356181E-04	-3.271176E-03
215101	-9.45617E-02	2.031749E-01	-6.615089E-04	1.557697E-05	-3.376706E-06	-3.264844E-03
215102	-9.46301E-02	2.031749E-01	-6.615089E-04	1.557697E-05	-3.376706E-06	-3.264844E-03
215201	-4.39926E-02	2.011431E-01	-3.766372E-04	1.557219E-05	-5.566139E-07	-3.264622E-03
215202	-4.40469E-02	2.011431E-01	-3.766372E-04	1.557219E-05	-5.566139E-07	-3.264622E-03
222001	-1.30416E-01	-2.079608E-02	-1.265821E-04	1.855771E-05	-2.338811E-06	-3.261619E-03
222002	-1.30558E-01	-2.079608E-02	-1.265821E-04	1.855771E-05	-2.338811E-06	-3.261619E-03
222201	-9.46309E-02	-2.079548E-02	-1.966507E-04	7.530787E-06	-9.854753E-06	-3.270233E-03
222202	-9.46309E-02	-2.079548E-02	-1.966507E-04	7.530787E-06	-9.854753E-06	-3.270233E-03
222301	-4.40567E-02	-2.84319E-02	-5.810462E-05	4.915766E-06	-6.453066E-06	-3.265415E-03
222302	-4.40567E-02	-2.84319E-02	-5.810462E-05	4.915766E-06	-6.453066E-06	-3.265415E-03
223301	-4.40697E-02	-3.047536E-02	-4.783807E-06	2.823240E-06	-4.467413E-06	-3.264083E-03
223402	-1.30416E-01	-6.837797E-02	-5.869564E-05	2.823240E-06	-4.467413E-06	-3.264083E-03
520018	1.30559E-01	-6.837797E-02	-5.869564E-05	2.823240E-06	-4.467413E-06	-3.264083E-03
520074	5.66441E-03	-9.99999E-01	7.488672E-04	7.532319E-06	4.767021E-06	-3.270385E-03
520077	7.685490E-03	-9.99999E-01	7.488672E-04	1.009881E-06	-2.411769E-06	-3.259507E-03
520085	1.834504E-02	-9.99999E-01	7.527950E-04	1.009728E-06	-2.411769E-06	-3.259808E-03
520088	2.082251E-02	-9.99999E-01	7.535622E-04	1.009618E-06	-2.411769E-06	-3.259808E-03
520079	2.556924E-02	-9.99999E-01	7.539359E-04	1.009590E-06	-2.411769E-06	-3.259808E-03
520135	4.370637E-02	-9.99999E-01	7.550262E-04	1.009568E-06	-2.411769E-06	-3.259808E-03
520139	4.504284E-02	-9.99999E-01	7.610640E-04	1.009703E-06	-2.411769E-06	-3.259808E-03
520152	4.931374E-02	-1.000000E-00	7.623867E-04	1.009702E-06	-2.411769E-06	-3.259810E-03
520155	6.006407E-02	-1.000000E-00	7.657167E-04	1.009702E-06	-2.411769E-06	-3.259810E-03

ARM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 0.0

POINT NO.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-1.627238E-03	2.277043E-01	5.207835E-04	0.0	0.0	0.0
3339	G	7.611513E-03	2.277043E-01	6.131937E-05	0.0	0.0	0.0
3341	G	-1.083869E-02	2.272993E-01	6.350474E-04	0.0	0.0	0.0
3349	G	1.104096E-02	2.272993E-01	-5.286861E-05	0.0	0.0	0.0
4631	G	-1.796046E-02	2.481815E-01	8.508114E-04	0.0	0.0	0.0
4633	G	-1.419501E-02	2.483643E-01	7.305529E-04	0.0	0.0	0.0
4637	G	1.437047E-02	2.483643E-01	-1.815663E-04	0.0	0.0	0.0
4639	G	1.814461E-02	2.481815E-01	-3.017823E-04	0.0	0.0	0.0
4641	G	-1.934619E-02	2.478047E-01	8.937402E-04	0.0	0.0	0.0
4649	G	1.954908E-02	2.478047E-01	-3.465677E-04	0.0	0.0	0.0
4661	G	-1.516951E-02	2.473976E-01	7.635446E-04	0.0	0.0	0.0
4669	G	1.534396E-02	2.473976E-01	-2.110694E-04	0.0	0.0	0.0
6123	G	-1.267062E-02	2.726328E-01	7.387383E-04	0.0	0.0	0.0
6127	G	1.583589E-02	2.726328E-01	-2.212531E-04	0.0	0.0	0.0
6131	G	-2.167116E-02	2.723836E-01	9.317440E-04	0.0	0.0	0.0
6133	G	1.565377E-02	2.723836E-01	-7.375667E-04	0.0	0.0	0.0
6137	G	1.582929E-02	2.723836E-01	-2.197191E-04	0.0	0.0	0.0
6139	G	2.184665E-02	2.723836E-01	-6.178840E-04	0.0	0.0	0.0
6141	G	-2.280797E-02	2.719519E-01	9.689827E-04	0.0	0.0	0.0
6143	G	1.555423E-02	2.719519E-01	-7.341502E-04	0.0	0.0	0.0
6147	G	1.585956E-02	2.719400E-01	-2.170465E-04	0.0	0.0	0.0
6149	G	2.100083E-02	2.719400E-01	-4.575451E-04	0.0	0.0	0.0
6161	G	-2.362734E-02	2.716438E-01	9.919859E-04	0.0	0.0	0.0
6163	G	1.566292E-02	2.716438E-01	-7.337327E-04	0.0	0.0	0.0
6167	G	1.588283E-02	2.716238E-01	-2.177955E-04	0.0	0.0	0.0
6169	G	2.383214E-02	2.716238E-01	-6.818586E-04	0.0	0.0	0.0
6171	G	-1.563213E-02	2.596847E-01	7.610740E-04	0.0	0.0	0.0
6179	G	1.586938E-02	2.596847E-01	-2.349611E-04	0.0	0.0	0.0
7031	G	-2.358697E-02	2.474073E-01	7.415873E-04	0.0	0.0	0.0
7033	G	1.565231E-02	2.474073E-01	-2.531295E-04	0.0	0.0	0.0
7037	G	1.587234E-02	2.474073E-01	0.0	0.0	0.0	0.0
7039	G	2.376270E-02	2.474073E-01	0.0	0.0	0.0	0.0
7043	G	-1.565248E-02	0.0	7.395744E-04	0.0	0.0	0.0
7047	G	1.586030E-02	0.0	-2.504271E-04	0.0	0.0	0.0
7061	G	-2.477723E-02	2.366074E-01	7.149773E-04	0.0	0.0	0.0
7063	G	1.565701E-02	2.366074E-01	-7.387504E-04	0.0	0.0	0.0
7067	G	1.584145E-02	2.465024E-01	-2.494073E-04	0.0	0.0	0.0
7069	G	2.499691E-02	2.465024E-01	-5.092144E-04	0.0	0.0	0.0
7071	G	-4.571665E-03	0.0	-1.460396E-02	0.0	0.0	0.0
7079	G	4.862837E-03	0.0	1.455539E-02	0.0	0.0	0.0
7505	G	6.644344E-03	2.955608E-01	2.376297E-04	1.531369E-06	0.0	1.573977E-03
8300	G	1.272848E-04	3.054238E-01	2.265122E-04	0.0	0.0	0.0
8331	G	-2.650003E-02	3.101833E-01	0.0	0.0	0.0	0.0
8533	G	-1.565231E-02	3.101828E-01	7.211336E-04	0.0	0.0	0.0
8537	G	1.582723E-02	3.101828E-01	-2.734030E-04	0.0	0.0	0.0
8539	G	2.664004E-02	3.101841E-01	0.0	0.0	0.0	0.0
8543	G	-1.564717E-02	0.0	7.229662E-04	0.0	0.0	0.0
8547	G	1.585789E-02	0.0	-2.756331E-04	0.0	0.0	0.0
8561	G	-2.644646E-02	3.092811E-01	7.397556E-04	0.0	0.0	0.0
8563	G	1.564564E-02	3.092811E-01	-7.235601E-04	0.0	0.0	0.0
8567	G	1.587980E-02	3.092811E-01	-2.761336E-04	0.0	0.0	0.0
8569	G	2.675484E-02	3.092811E-01	-5.010203E-04	0.0	0.0	0.0
8571	G	-4.647292E-03	0.0	-1.548913E-02	0.0	0.0	0.0
8579	G	4.904393E-03	0.0	1.548814E-02	0.0	0.0	0.0
9303	G	-1.562352E-02	3.237764E-01	7.324778E-04	0.0	0.0	0.0
9307	G	1.576599E-02	3.237764E-01	-1.090221E-04	0.0	0.0	0.0

9313	G	-1.561190E-02	3.234924E-01	7.314749E-04	0.0	0.0
9317	G	-1.578856E-02	3.234924E-01	-3.081539E-04	0.0	0.0
9331	G	-2.804402E-02	3.223335E-01	1.212453E-03	0.0	0.0
9333	G	-1.565096E-02	3.223335E-01	7.148938E-04	0.0	0.0
9337	G	1.562348E-02	3.223335E-01	-2.968742E-04	0.0	0.0
9339	G	2.8222839E-02	3.223335E-01	7.195724E-04	0.0	0.0
9341	G	0.0	3.223335E-01	-6.121963E-03	0.0	0.0
9343	G	-1.563775E-02	3.223335E-01	7.085823E-04	0.0	0.0
9347	G	1.565208E-02	3.223335E-01	3.020614E-04	0.0	0.0
9349	G	0.0	3.223335E-01	6.660468E-03	0.0	0.0
9361	G	-2.794298E-02	3.227876E-01	1.200997E-03	0.0	0.0
9363	G	-1.563771E-02	3.227876E-01	7.125246E-04	0.0	0.0
9367	G	1.568361E-02	3.227876E-01	3.106170E-04	0.0	0.0
9369	G	2.822273E-02	3.227876E-01	-7.274374E-04	0.0	0.0
9371	G	-2.789998E-02	3.229991E-01	1.257258E-03	0.0	0.0
9373	G	0.0	3.229991E-01	-3.350129E-03	0.0	0.0
9377	G	2.803339E-02	3.300139E-01	3.807149E-03	0.0	0.0
9379	G	-1.555616E-02	3.300139E-01	-7.440157E-04	0.0	0.0
11300	G	-1.558254E-02	3.53425E-01	5.989147E-04	0.0	0.0
11503	G	1.575919E-02	3.589484E-01	0.0	0.0	0.0
11507	G	-2.801126E-02	3.589484E-01	0.0	0.0	0.0
11531	G	-1.562061E-02	3.57823E-01	0.0	0.0	0.0
11533	G	1.580072E-02	3.57823E-01	5.483443E-04	0.0	0.0
11539	G	2.820122E-02	3.57823E-01	-3.095465E-04	0.0	0.0
11543	G	-1.563465E-02	3.572115E-01	0.0	0.0	0.0
11547	G	1.584370E-02	3.572115E-01	5.510308E-04	0.0	0.0
11561	G	-2.810656E-02	3.567137E-01	-3.132597E-04	0.0	0.0
11563	G	-1.565728E-02	3.567137E-01	1.494352E-03	0.0	0.0
11567	G	1.590573E-02	3.567137E-01	5.532610E-04	0.0	0.0
11569	G	2.833172E-02	3.567863E-01	3.162164E-04	0.0	0.0
11571	G	-2.721133E-02	0.0	-4.190586E-04	0.0	0.0
11579	G	2.744498E-02	0.0	-4.565623E-03	0.0	0.0
11700	G	1.140522E-02	3.588492E-01	5.581234E-03	0.0	0.0
13000	G	1.437502E-04	3.865473E-01	-1.816653E-04	0.0	0.0
13801	G	-2.454976E-02	3.951123E-01	9.623426E-05	0.0	0.0
13803	G	-1.553094E-02	3.951595E-01	9.707292E-04	0.0	0.0
13807	G	1.570760E-02	3.951601E-01	6.331827E-04	0.0	0.0
13809	G	2.473528E-02	3.951144E-01	-5.084181E-04	0.0	0.0
13821	G	-2.737013E-02	3.946845E-01	-8.536330E-04	0.0	0.0
13823	G	-1.562264E-02	3.946845E-01	1.085016E-03	0.0	0.0
13827	G	1.562264E-02	3.946845E-01	6.239018E-04	0.0	0.0
13829	G	2.755429E-02	3.946845E-01	-9.941353E-04	0.0	0.0
13831	G	-2.800109E-02	3.946845E-01	9.744526E-04	0.0	0.0
13833	G	-1.548652E-02	3.946845E-01	1.135275E-03	0.0	0.0
13837	G	1.569676E-02	3.946845E-01	5.860850E-04	0.0	0.0
13839	G	2.822702E-02	3.946845E-01	-4.591942E-04	0.0	0.0
13841	G	0.0	3.934268E-01	1.052132E-03	0.0	0.0
13843	G	-1.549505E-02	3.934268E-01	1.263263E-03	0.0	0.0
13847	G	1.590647E-02	3.933972E-01	5.732614E-04	0.0	0.0
13849	G	0.0	3.880945E-01	-4.516748E-04	0.0	0.0
13861	G	-2.840050E-02	3.930040E-01	-4.057596E-04	0.0	0.0
13863	G	-1.573980E-02	3.930040E-01	1.114110E-02	0.0	0.0
13867	G	1.563447E-02	3.930040E-01	1.327428E-03	0.0	0.0
13869	G	2.849329E-02	3.930040E-01	5.794507E-04	0.0	0.0
13871	G	-2.571856E-02	3.828683E-01	-4.163552E-04	0.0	0.0
13879	G	2.827046E-02	0.0	-1.075067E-03	0.0	0.0
14801	G	-2.494976E-02	4.103517E-01	-1.056607E-02	0.0	0.0
14803	G	-1.551598E-02	4.103517E-01	1.458153E-03	0.0	0.0
14807	G	1.568787E-02	4.104013E-01	8.768954E-04	0.0	0.0
14809	G	2.473528E-02	4.103517E-01	6.253219E-04	0.0	0.0
14821	G	-2.735345E-02	4.099837E-01	-5.020951E-04	0.0	0.0
14823	G	-1.541016E-02	4.099837E-01	7.500164E-04	0.0	0.0
14827	G	1.560711E-02	4.099837E-01	9.371230E-04	0.0	0.0
14829	G	2.754413E-02	4.099837E-01	6.253219E-04	0.0	0.0
				-5.020951E-04	0.0	0.0
				-8.265148E-04	0.0	0.0



14831	-2.799353E-02	4.095571E-01	9.532173E-14	0.0	0.0	0.0	1.532334E-03
14833	-1.535157E-02	4.095736E-01	6.335180E-04	0.0	0.0	0.0	1.534906E-03
14837	1.557488E-02	4.095755E-01	-5.026534E-04	0.0	0.0	0.0	0.0
14839	2.821565E-02	4.095904E-01	-8.073011E-04	0.0	0.0	0.0	0.0
14841	0.0	4.096478E-01	9.031540E-04	0.0	0.0	0.0	0.0
14843	-1.579091E-02	4.096215E-01	5.698043E-04	0.0	0.0	0.0	0.0
14847	1.598723E-02	4.096279E-01	-7.315475E-04	0.0	0.0	0.0	0.0
14849	0.0	4.096493E-01	-7.386981E-04	0.0	0.0	0.0	0.0
14861	-2.045907E-02	4.086212E-01	8.109668E-04	0.0	0.0	0.0	0.0
14863	-1.578332E-02	4.086140E-01	5.557167E-04	0.0	0.0	0.0	0.0
14867	1.597640E-02	4.086158E-01	4.199755E-04	0.0	0.0	0.0	0.0
14869	2.860453E-02	4.086287E-01	-6.143300E-04	0.0	0.0	0.0	0.0
14881	-2.787663E-02	4.140871E-01	7.479741E-04	0.0	0.0	0.0	0.0
14883	-1.576443E-02	4.140803E-01	5.159604E-04	0.0	0.0	0.0	0.0
14887	1.605370E-02	4.140882E-01	3.888251E-04	0.0	0.0	0.0	0.0
14889	2.802424E-02	4.140957E-01	-5.850173E-04	0.0	0.0	0.0	0.0
15212	-2.085046E-02	4.163122E-01	7.38178E-04	4.554868E-05	1.179749E-05	0.0	1.533334E-03
15218	2.102997E-02	4.163117E-01	-8.263368E-04	4.565855E-05	-9.333391E-06	0.0	1.534906E-03
15603	-1.551598E-02	4.225447E-01	7.634287E-04	0.0	0.0	0.0	0.0
15607	1.568787E-02	4.225425E-01	5.320036E-04	0.0	0.0	0.0	0.0
15609	2.970235E-02	4.225451E-01	-4.308783E-04	0.0	0.0	0.0	0.0
15621	-2.733580E-02	4.221355E-01	-6.625361E-04	0.0	0.0	0.0	0.0
15623	-1.797427E-02	4.221357E-01	6.149240E-04	0.0	0.0	0.0	0.0
15625	9.726797E-05	4.221304E-01	6.081539E-04	0.0	0.0	0.0	0.0
15627	1.817040E-02	4.221329E-01	5.028243E-05	0.0	0.0	0.0	0.0
15629	2.752494E-02	4.221506E-01	-5.071280E-04	0.0	0.0	0.0	0.0
15633	6.413044E-02	0.0	7.823631E-04	0.0	0.0	0.0	0.0
15637	-6.392765E-02	0.0	-6.469078E-04	0.0	0.0	0.0	0.0
16481	-2.783904E-02	4.327689E-01	-6.870378E-04	0.0	0.0	0.0	0.0
16483	-1.949044E-02	4.327747E-01	0.0	0.0	0.0	0.0	0.0
16485	1.453235E-04	4.327716E-01	0.0	0.0	0.0	0.0	0.0
16487	1.977968E-02	4.327725E-01	-6.496843E-04	0.0	0.0	0.0	0.0
16489	2.813999E-02	4.313159E-01	5.011815E-05	0.0	0.0	0.0	0.0
17100	1.082961E-04	4.313159E-01	2.976994E-05	0.0	0.0	0.0	0.0
18601	-2.440859E-02	4.687756E-01	2.823588E-02	0.0	0.0	0.0	0.0
18603	-1.454925E-02	4.687829E-01	3.182486E-05	0.0	0.0	0.0	0.0
18607	1.469975E-02	4.687819E-01	3.182486E-05	0.0	0.0	0.0	0.0
18609	2.457172E-02	4.687775E-01	4.252019E-05	0.0	0.0	0.0	0.0
18621	-2.722476E-02	4.686073E-01	5.707116E-05	0.0	0.0	0.0	0.0
18623	-1.564463E-02	4.686137E-01	2.434070E-05	0.0	0.0	0.0	0.0
18625	8.690760E-05	4.686225E-01	2.801284E-05	0.0	0.0	0.0	0.0
18627	1.582363E-02	4.686153E-01	3.560296E-05	0.0	0.0	0.0	0.0
18629	2.741656E-02	4.686089E-01	1.650566E-05	0.0	0.0	0.0	0.0
18631	-2.796867E-02	4.681870E-01	1.473737E-05	0.0	0.0	0.0	0.0
18633	0.0	4.683850E-01	1.892033E-05	0.0	0.0	0.0	0.0
18635	0.0	4.683850E-01	2.544475E-05	0.0	0.0	0.0	0.0
18637	0.0	4.683850E-01	3.232980E-05	0.0	0.0	0.0	0.0
18639	0.0	4.683850E-01	3.232980E-05	0.0	0.0	0.0	0.0
18641	-2.812209E-02	4.681537E-01	-2.496935E-06	-2.562620E-06	3.678660E-05	0.0	1.603376E-03
18643	-2.547641E-02	4.681564E-01	3.794898E-06	-2.503156E-06	3.644897E-05	0.0	1.607653E-03
18645	-1.988631E-02	4.681597E-01	1.031861E-05	0.0	0.0	0.0	1.609690E-03
18647	-9.236805E-03	4.681672E-01	1.828621E-05	0.0	0.0	0.0	1.622881E-03
18649	1.701806E-04	4.681697E-01	2.270957E-05	0.0	0.0	0.0	1.625038E-03
18651	9.564087E-03	4.681683E-01	2.605458E-05	0.0	0.0	0.0	1.618362E-03
18653	2.016692E-02	4.681617E-01	2.994198E-05	0.0	-4.349252E-05	0.0	1.620033E-03
18655	2.572252E-02	4.681586E-01	3.456519E-05	-1.579672E-06	-4.365191E-05	0.0	1.597462E-03
18657	2.891269E-02	4.681596E-01	3.991297E-05	-2.334314E-06	-4.421248E-05	0.0	1.592754E-03
18659	-2.860825E-02	4.681620E-01	-7.582119E-07	-3.257937E-06	3.562162E-05	0.0	1.600203E-03
18661	-2.540277E-02	4.681623E-01	3.847227E-06	-2.544342E-06	3.210253E-05	0.0	1.604740E-03
18663	2.563631E-02	4.681634E-01	3.313915E-05	-2.201806E-06	-3.635304E-05	0.0	1.593208E-03
18665	2.861772E-02	4.681634E-01	3.831371E-05	-2.392417E-06	-4.175017E-05	0.0	1.587613E-03
18656	-1.844903E-02	4.681712E-01	6.400445E-06	-1.976350E-07	3.200618E-05	0.0	1.603813E-03
18657	-2.524616E-02	4.681715E-01	9.25184E-06	-3.945983E-07	3.067327E-05	0.0	1.599564E-03
18658	2.545881E-02	4.681697E-01	3.142764E-05	-2.482590E-08	-3.490293E-05	0.0	1.587333E-03
18659	2.663740E-02	4.681642E-01	3.111179E-05	-5.137053E-09	-3.573610E-05	0.0	1.591799E-03

18661	-2.839608E-02	4.681744E-01	1.084402E-03	-2.788264E-04	1.985361E-05	1.602370E-03
18662	-2.319097E-02	4.681744E-01	1.019571E-03	8.353256E-07	1.608999E-05	1.602660E-03
18663	-1.962205E-02	4.681744E-01	9.641621E-04	2.675428E-06	1.233614E-05	1.602376E-03
18664	-9.020331E-03	4.681744E-01	1.803747E-05	0.0	0.0	1.598565E-03
18665	1.620332E-04	4.681744E-01	2.230507E-05	0.0	0.0	1.595098E-03
18666	9.389117E-03	4.681744E-01	2.553751E-05	0.0	0.0	1.592255E-03
18667	1.986917E-02	4.681744E-01	3.031675E-05	2.733981E-06	-9.157361E-06	1.590247E-03
18668	2.539292E-02	4.681744E-01	2.771464E-05	1.173529E-06	-1.577899E-05	1.590073E-03
18669	-2.857266E-02	4.681744E-01	2.644598E-05	-2.767281E-06	-2.241894E-05	1.589898E-03
18670	-2.780316E-02	4.681744E-01	1.962644E-05	0.0	0.0	0.0
18671	-1.948018E-02	4.681744E-01	2.597839E-06	2.675428E-06	1.139225E-05	1.585651E-03
18672	1.443007E-04	4.681744E-01	2.189439E-05	0.0	0.0	0.0
18673	1.976472E-02	4.681744E-01	2.987006E-05	2.733981E-06	-8.113529E-06	1.585651E-03
18674	2.806937E-02	4.681744E-01	1.618294E-05	0.0	0.0	0.0
18675	-1.948105E-02	4.739944E-01	-1.645121E-05	0.0	2.765069E-06	1.585544E-03
18676	1.976538E-02	4.739944E-01	4.853640E-05	0.0	-2.313404E-06	1.586575E-03
18677	-2.835032E-02	4.850499E-01	-8.684371E-05	-4.547800E-06	1.176694E-05	1.603654E-03
18678	-1.810423E-02	4.850499E-01	-4.106248E-05	-6.650767E-06	8.473143E-06	1.603783E-03
18679	8.983725E-05	4.850499E-01	-2.752940E-05	0.0	6.496137E-06	1.604469E-03
18680	1.280159E-02	4.850499E-01	2.145501E-05	0.0	0.0	1.605503E-03
18681	1.628175E-02	4.850499E-01	7.070899E-05	0.0	-6.979262E-06	1.604134E-03
18682	2.852417E-02	4.850499E-01	8.442962E-05	-8.22305E-06	-8.60686E-06	1.603354E-03
18683	-2.826983E-02	4.850921E-01	-1.304707E-04	-4.272996E-06	-1.171819E-05	1.603147E-03
18684	-1.604621E-02	4.850921E-01	-8.670079E-05	-2.362024E-06	1.166458E-05	1.600839E-03
18685	1.622088E-02	4.850917E-01	4.091345E-05	-7.492730E-06	6.911074E-06	1.599508E-03
18686	2.844416E-02	4.850917E-01	4.26677E-05	-7.853141E-06	-1.258507E-06	1.599439E-03
18687	-2.824178E-02	4.850923E-01	1.302904E-04	-1.591785E-06	-1.129035E-05	1.600843E-03
18688	-1.602942E-02	4.851065E-01	-8.670642E-05	-6.261737E-06	1.129238E-05	1.598470E-03
18689	-1.256210E-02	4.851065E-01	-4.089571E-05	-5.942675E-06	6.520018E-06	1.598455E-03
18690	8.959410E-05	4.851065E-01	-2.741462E-05	0.0	6.136825E-06	1.597727E-03
18691	1.273570E-02	4.851065E-01	2.142508E-05	0.0	0.0	1.596738E-03
18692	2.810366E-02	4.851065E-01	8.422909E-05	-5.954410E-06	-1.597825E-03	1.597825E-03
18693	-2.841662E-02	4.851065E-01	1.303124E-04	-5.964247E-06	-8.52808E-06	1.598473E-03
18694	-1.976801E-02	5.085849E-01	-2.54323E-05	-6.352524E-06	-1.107032E-05	1.598602E-03
18695	1.976801E-02	5.085849E-01	4.509977E-06	0.0	9.207690E-06	1.589283E-03
18696	-2.667180E-02	5.122547E-01	3.383367E-05	0.0	-2.505194E-06	1.589410E-03
18697	1.576287E-02	5.122547E-01	1.413734E-05	0.0	0.0	0.0
18698	6.324064E-05	5.122536E-01	6.792392E-06	0.0	0.0	0.0
18699	1.588035E-02	5.122536E-01	4.697162E-06	0.0	0.0	0.0
18700	2.676942E-02	5.122536E-01	4.378389E-06	0.0	0.0	0.0
18701	-2.800827E-02	5.121277E-01	0.0	-2.609307E-06	0.0	0.0
18702	-1.907412E-02	5.121277E-01	4.794460E-07	0.0	-1.77245E-05	1.600864E-03
18703	-4.120635E-05	5.121285E-01	3.409695E-06	0.0	-1.659531E-05	1.595980E-03
18704	1.908881E-02	5.121287E-01	3.817416E-06	0.0	3.731880E-06	1.583147E-03
18705	2.811852E-02	5.121287E-01	0.0	0.0	2.405928E-05	1.612165E-03
18706	-2.823501E-02	5.121121E-01	-5.489244E-06	0.0	2.518840E-05	1.618866E-03
18707	-1.968675E-02	5.121133E-01	-1.326789E-06	1.512432E-07	1.641642E-05	0.0
18708	8.926440E-03	5.121132E-01	1.683691E-06	0.0	0.0	0.0
18709	1.984681E-02	5.121125E-01	4.951973E-06	-5.292736E-08	0.0	0.0
18710	2.839724E-02	5.121103E-01	6.754453E-06	0.0	0.0	0.0
18711	-1.948515E-02	5.121132E-01	-1.540373E-06	-2.22592E-07	1.528391E-05	1.589338E-03
18712	1.976801E-02	5.121125E-01	5.048285E-06	-2.522784E-07	-5.836136E-06	1.589401E-03
18713	0.0	5.121125E-01	-4.42378E-07	-1.001854E-06	0.0	0.0
18714	-2.206375E-02	5.120538E-01	4.840398E-05	0.0	0.0	0.0
18715	-1.555123E-02	5.202724E-01	3.566966E-05	0.0	0.0	0.0
18716	1.366480E-02	5.202788E-01	9.508354E-06	0.0	0.0	0.0
18717	2.217031E-02	5.202795E-01	1.708516E-05	0.0	0.0	0.0
18718	-2.645443E-02	5.202734E-01	5.830765E-05	0.0	0.0	0.0
18719	-1.577919E-02	5.202470E-01	3.634904E-05	0.0	0.0	0.0
18720	6.089694E-05	5.202441E-01	1.553180E-05	0.0	0.0	0.0
18721	1.589329E-02	5.202417E-01	-5.827161E-06	0.0	0.0	0.0
18722	2.55539E-02	5.202442E-01	-3.392951E-05	0.0	0.0	0.0
18723	-2.772002E-02	5.21297E-01	6.962269E-05	0.0	0.0	0.0
18724	2.142813E-02	5.211296E-01	-4.289941E-05	0.0	0.0	0.0

22701	-2.119087E-02	5.340112E-01	9.819126E-05	0.0	0.0	0.0
22702	-1.236163E-02	7.343206E-01	5.757659E-05	0.0	0.0	0.0
22703	1.247016E-02	5.340218E-01	-2.807286E-05	0.0	0.0	0.0
22704	-2.129661E-02	5.340126E-01	-6.576855E-05	0.0	0.0	0.0
22705	-2.400048E-02	5.339618E-01	1.188110E-04	0.0	0.0	0.0
22706	-1.578698E-02	5.339618E-01	6.517489E-05	0.0	0.0	0.0
22707	5.742109E-05	5.339618E-01	1.558213E-05	0.0	0.0	0.0
22708	1.549959E-02	5.339612E-01	-4.012451E-05	0.0	0.0	0.0
22709	2.610788E-02	5.339633E-01	-9.692849E-05	0.0	0.0	0.0
22710	6.731325E-05	5.408769E-01	-1.741934E-06	0.0	0.0	0.0
22711	-1.442089E-02	5.695553E-01	2.363711E-05	0.0	0.0	0.0
22712	1.238164E-02	5.695604E-01	1.163609E-05	0.0	0.0	0.0
22713	8.271597E-03	5.695601E-01	-3.253155E-05	0.0	0.0	0.0
22714	1.452306E-02	5.695551E-01	-5.339504E-05	0.0	0.0	0.0
22715	-2.460189E-02	5.695316E-01	3.485531E-05	0.0	0.0	0.0
22716	7.644090E-05	5.695316E-01	-1.515881E-05	0.0	0.0	0.0
22717	2.471288E-02	5.695316E-01	-6.562407E-05	0.0	0.0	0.0
22718	-2.571537E-02	5.695156E-01	3.196808E-05	0.0	0.0	0.0
22719	0.0	5.695149E-01	-1.583001E-05	0.0	0.0	0.0
22720	2.585161E-02	5.695149E-01	-6.440515E-05	0.0	0.0	0.0
22721	-2.572634E-02	5.695026E-01	3.053225E-05	0.0	0.0	0.0
22722	7.513432E-05	5.695026E-01	-1.601239E-05	0.0	0.0	0.0
22723	4.587558E-02	5.695027E-01	-6.380284E-05	0.0	0.0	0.0
22724	-1.234684E-02	5.985882E-01	5.525673E-07	0.0	0.0	0.0
22725	8.331910E-03	5.985882E-01	-4.494449E-05	0.0	0.0	0.0
22726	-2.339643E-02	5.985882E-01	2.253764E-05	0.0	0.0	0.0
22727	2.522380E-02	5.985882E-01	-2.678621E-05	0.0	0.0	0.0
22728	-2.320668E-02	5.985882E-01	-7.674225E-05	0.0	0.0	0.0
22729	-2.330773E-02	5.985508E-01	2.275561E-05	0.0	0.0	0.0
22730	0.0	5.985504E-01	-2.689489E-05	0.0	0.0	0.0
22731	2.344242E-02	5.985507E-01	-7.674252E-05	0.0	0.0	0.0
22732	-2.346515E-02	5.985342E-01	2.260835E-05	0.0	0.0	0.0
22733	7.434958E-05	5.985342E-01	-2.688766E-05	0.0	0.0	0.0
22734	2.361296E-02	5.985342E-01	-7.617468E-05	0.0	0.0	0.0
22735	5.551089E-05	6.501117E-01	-3.302751E-05	0.0	0.0	0.0
22736	-1.490714E-02	6.496891E-01	-3.485155E-04	0.0	0.0	0.0
22737	5.709133E-05	6.496891E-01	-3.295534E-05	0.0	0.0	0.0
22738	1.902403E-02	6.496891E-01	-6.239071E-05	0.0	0.0	0.0
22739	-2.267000E-02	6.493192E-01	3.480412E-06	0.0	0.0	0.0
22740	0.0	6.493192E-01	-3.652049E-05	0.0	0.0	0.0
22741	2.263127E-02	6.496571E-01	-1.658725E-06	0.0	0.0	0.0
22742	-1.948122E-02	6.496571E-01	-6.878303E-05	0.0	0.0	0.0
22743	7.358000E-05	6.496571E-01	-3.202826E-05	0.0	0.0	0.0
22744	1.962719E-02	6.496571E-01	-6.239275E-05	0.0	0.0	0.0
22745	6.586776E-05	6.493827E-01	-3.250096E-05	0.0	0.0	0.0
22746	6.648335E-05	6.772499E-01	-4.241201E-05	2.470872E-06	5.462307E-07	1.591075E-03
22747	6.719235E-05	7.104985E-01	-5.382739E-05	2.470794E-06	5.462117E-07	1.591075E-03
22748	6.790133E-05	7.437490E-01	-6.523494E-05	2.470299E-06	5.462192E-07	1.591075E-03
22749	6.861033E-05	7.770151E-01	-7.668486E-05	2.470121E-06	5.462203E-07	1.591075E-03
22750	-4.965176E-02	8.102750E-01	-1.087950E-05	2.470176E-06	5.462170E-07	1.591075E-03
22751	-3.313642E-02	8.102750E-01	-3.652910E-05	2.470763E-06	5.462167E-07	1.591075E-03
22752	-1.533230E-02	8.102750E-01	-6.417342E-05	2.470241E-06	5.462167E-07	1.591075E-03
22753	6.931987E-05	8.102750E-01	-8.808567E-05	2.469913E-06	5.462166E-07	1.591075E-03
22754	1.547094E-02	8.102750E-01	-1.119947E-04	2.470242E-06	5.462166E-07	1.591075E-03
22755	3.327504E-02	8.102750E-01	-1.396430E-04	2.470765E-06	5.462166E-07	1.591075E-03
22756	4.979040E-02	8.102750E-01	-1.652387E-04	2.471077E-06	5.462166E-07	1.591075E-03
22757	7.002940E-05	8.735461E-01	-9.950718E-05	2.469566E-06	5.462180E-07	1.591075E-03
22758	7.073694E-05	8.768122E-01	-1.102885E-04	2.469229E-06	5.462176E-07	1.591075E-03
22759	7.104754E-05	8.912928E-01	-1.193002E-04	2.468936E-06	5.462169E-07	1.591075E-03
22760	7.144957E-05	9.101403E-01	-1.223712E-04	2.468652E-06	5.462171E-07	1.591075E-03
22761	7.996503E-05	9.357629E-01	-1.311807E-04	2.468182E-06	5.462179E-07	1.591075E-03
22762	8.456477E-05	9.495844E-01	-1.359328E-04	2.468249E-06	5.462177E-07	1.591075E-03
22763	8.923495E-05	9.636281E-01	-1.407613E-04	2.468539E-06	5.462176E-07	1.591075E-03
22764	9.489964E-05	9.776563E-01	-1.455844E-04	2.469412E-06	5.462176E-07	1.591075E-03
22765	9.856981E-05	9.916446E-01	-1.504375E-04	2.471478E-06	5.462180E-07	1.591075E-03
22766	1.033823E-04	1.000000E-01	-1.534975E-04	2.470809E-06	5.462164E-07	1.591075E-03



71528	1-387744E-02	4-853457E-01	1-340387E-04	-2-172445E-06	-8-437956E-06	1-580343E-03
71934	3-072676E-02	5-121429E-01	2-430519E-05	-2-193794E-05	2-531534E-05	1-604807E-03
71935	3-071058E-02	5-121280E-01	2-430519E-05	-2-193794E-05	2-531534E-05	1-620831E-03
71936	1-069286E-02	5-121115E-01	2-430519E-05	-2-193794E-05	2-531534E-05	1-634434E-03
72211	3-556737E-02	4-692800E-01	6-990726E-05	0-0	0-0	0-0
72213	1-557735E-02	4-692649E-01	6-990726E-05	-5-246788E-06	-3-593242E-05	1-607838E-03
72217	3-562908E-02	4-692137E-01	7-008990E-05	5-202633E-06	-5-886122E-05	1-557229E-03
72219	3-562807E-02	4-692002E-01	7-008990E-05	0-0	0-0	0-0
72224	1-558408E-02	4-696786E-01	1-200704E-04	-1-160476E-05	2-699481E-05	1-542511E-03
72224	1-559028E-02	4-695155E-01	1-193192E-04	1-687386E-05	-2-144395E-05	1-599417E-03
72226	3-560939E-02	4-859076E-01	1-168191E-04	1-030370E-06	-1-503222E-05	1-584277E-03
72229	3-561341E-02	4-686866E-01	1-1681154E-04	-6-926342E-06	1-502550E-05	1-563442E-03
72231	3-558784E-02	5-121522E-01	1-193378E-04	-1-495844E-05	5-613420E-05	1-597031E-03
72239	4-681394E-02	5-121160E-01	1-186889E-04	-3-399924E-05	1-244058E-05	1-626109E-03
72319	4-681990E-02	4-712944E-01	1-261540E-04	0-0	0-0	0-0
72321	4-681990E-02	4-876225E-01	1-593332E-04	0-0	0-0	0-0
72429	4-684141E-02	4-75517E-01	1-593784E-04	0-0	0-0	0-0
72431	4-683692E-02	5-121555E-01	1-954782E-04	0-0	0-0	0-0
72432	4-684130E-02	5-121281E-01	1-956705E-04	0-0	0-0	0-0
72433	5-435187E-02	4-735595E-01	1-810433E-04	0-0	0-0	0-0
72439	5-437503E-02	4-734651E-01	1-810433E-04	0-0	0-0	0-0
72441	5-435789E-02	4-893403E-01	2-088399E-04	0-0	0-0	0-0
72429	5-438063E-02	4-892743E-01	2-091021E-04	0-0	0-0	0-0
72431	5-437574E-02	5-121569E-01	2-499406E-04	0-0	0-0	0-0
72439	5-438130E-02	5-121369E-01	2-499470E-04	0-0	0-0	0-0
72421	6-786668E-02	4-766241E-01	2-556811E-04	0-0	0-0	0-0
72421	6-788725E-02	4-765631E-01	2-556359E-04	0-0	0-0	0-0
72421	6-787246E-02	4-911578E-01	2-810454E-04	0-0	0-0	0-0
72429	6-789303E-02	4-916990E-01	2-810955E-04	-7-894899E-06	-4-671472E-06	1-588234E-03
72431	6-788820E-02	5-121616E-01	3-178443E-04	0-0	0-0	0-0
72439	6-789386E-02	5-121453E-01	3-178790E-04	0-0	0-0	0-0
72511	8-094274E-02	4-795967E-01	3-269145E-04	0-0	0-0	0-0
72514	8-100170E-02	4-795449E-01	3-268475E-04	0-0	0-0	0-0
72521	8-098998E-02	4-941144E-01	3-511374E-04	0-0	0-0	0-0
72529	8-100748E-02	4-940600E-01	3-511398E-04	0-0	0-0	0-0
72531	8-100313E-02	5-121675E-01	3-823321E-04	0-0	0-0	0-0
72539	8-100844E-02	5-121521E-01	3-823391E-04	0-0	0-0	0-0
72511	9-410167E-02	4-825875E-01	3-979364E-04	0-0	0-0	0-0
72519	9-410734E-02	4-825444E-01	3-979329E-04	0-0	0-0	0-0
72529	9-412211E-02	4-96467E-01	4-209653E-04	-2-635350E-06	1-587983E-03	0-0
72531	9-411830E-02	5-121737E-01	4-674591E-04	0-0	0-0	0-0
72539	9-412324E-02	5-121591E-01	4-674642E-04	0-0	0-0	0-0
122400	1-291526E-04	5-275460E-01	2-397093E-04	5-604697E-06	8-959952E-06	1-604629E-03
123457	2-066930E-02	5-466896E-01	-2-367351E-05	0-0	0-0	0-0
123487	1-531900E-02	5-435663E-01	9-719895E-05	0-0	0-0	0-0
124800	1-291526E-04	5-658956E-01	2-556648E-05	5-614697E-06	8-959952E-06	1-604629E-03
125063	-2-064250E-02	5-695026E-01	-2-136122E-05	0-0	0-0	0-0
125065	3-160041E-03	5-695026E-01	-2-172631E-05	0-0	0-0	0-0
125067	2-079193E-02	5-695027E-01	-6-380286E-05	0-0	0-0	0-0
125383	-1-874458E-02	5-744740E-01	-8-359448E-05	0-0	0-0	0-0
125387	1-890322E-02	5-744740E-01	-8-790292E-05	0-0	0-0	0-0
125863	-1-582396E-02	5-985342E-01	-6-541401E-06	0-0	0-0	0-0
125867	1-597207E-02	5-985342E-01	-6-017557E-05	0-0	0-0	0-0
127200	1-291526E-04	6-056916E-01	-1-964602E-06	5-604697E-06	8-959952E-06	1-604629E-03
189073	-1-649573E-02	4-740077E-01	-1-962736E-05	-7-135494E-07	1-018544E-06	1-586877E-03
189077	1-977947E-02	4-740077E-01	3-828171E-05	-7-135494E-07	1-018544E-06	1-586877E-03
200070	1-341591E-04	4-595053E-01	1-821094E-05	-7-135494E-07	1-018544E-06	1-586877E-03
200078	1-186694E-04	4-599719E-01	1-821094E-05	-7-135494E-07	1-018544E-06	1-586877E-03
200379	1-633769E-04	4-599728E-01	1-821094E-05	-7-135494E-07	1-018544E-06	1-586877E-03
200386	1-507104E-04	4-599779E-01	1-821094E-05	-7-135494E-07	1-018544E-06	1-586877E-03
200387	1-537104E-04	4-599779E-01	1-821094E-05	-7-135494E-07	1-018544E-06	1-586877E-03
200395	1-596227E-04	4-599842E-01	1-821094E-05	-7-135494E-07	1-018544E-06	1-586877E-03
200396	1-596227E-04	4-599842E-01	1-821094E-05	-7-135494E-07	1-018544E-06	1-586877E-03
20101	1-654029E-04	4-599843E-01	1-821094E-05	-7-135494E-07	1-018544E-06	1-586877E-03

200104	1.708267E-04	4.444444E-01	1.821094E-05	-7.421308E-07	1.018546E-06	1.586677E-03
200114	1.789750E-04	4.444444E-01	1.821094E-05	-7.125575E-07	1.018546E-06	1.586677E-03
200121	1.861049E-04	4.444444E-01	1.821094E-05	-7.193337E-07	1.018546E-06	1.586677E-03
200129	1.942532E-04	4.444444E-01	1.821094E-05	-7.285558E-07	1.018546E-06	1.586677E-03
200137	2.024018E-04	4.444444E-01	1.821094E-05	-7.390224E-07	1.018546E-06	1.586677E-03
200145	2.105499E-04	4.444444E-01	1.821094E-05	-7.517002E-07	1.018546E-06	1.586677E-03
200153	2.186439E-04	4.444444E-01	1.821094E-05	-7.653440E-07	1.018546E-06	1.586677E-03
200155	2.207048E-04	4.444444E-01	1.821094E-05	-7.715344E-07	1.018546E-06	1.586677E-03
211001	6.296873E-02	3.512852E-01	-2.990779E-03	3.222103E-05	3.227727E-05	1.559698E-03
211002	6.285644E-02	3.512852E-01	-2.990779E-03	3.222103E-05	3.227727E-05	1.559698E-03
211077	1.949373E-02	5.085700E-01	-2.56524E-06	-7.113549E-07	1.018546E-06	1.586677E-03
211078	1.977947E-02	5.085700E-01	-2.56524E-06	-7.113549E-07	1.018546E-06	1.586677E-03
214075	1.418694E-04	5.129815E-01	3.442096E-06	-7.113549E-07	1.018546E-06	1.586677E-03
214901	6.296873E-02	4.127842E-01	-1.796946E-03	3.222103E-05	3.227727E-05	1.559698E-03
214902	6.285644E-02	4.127842E-01	-1.796946E-03	3.222103E-05	3.227727E-05	1.559698E-03
215101	4.255945E-02	4.155717E-01	-1.333320E-03	4.167734E-05	2.236691E-05	1.560030E-03
215102	4.255945E-02	4.155717E-01	-1.333320E-03	4.167734E-05	2.236691E-05	1.560030E-03
215201	2.102997E-02	4.163117E-01	-1.446810E-03	4.166532E-05	2.504644E-05	1.561995E-03
215202	2.085046E-02	4.163117E-01	-1.446810E-03	4.166532E-05	2.504644E-05	1.561995E-03
222001	6.297326E-02	5.228785E-01	7.383178E-04	4.865782E-05	9.569393E-06	1.554125E-03
222002	6.286108E-02	5.228785E-01	7.383178E-04	4.865782E-05	9.569393E-06	1.554125E-03
222201	4.560380E-02	5.261961E-01	3.596174E-04	1.771322E-05	5.947130E-06	1.556616E-03
222202	4.569139E-02	5.261961E-01	3.596174E-04	1.771322E-05	5.947130E-06	1.556616E-03
222301	2.142813E-02	5.271296E-01	-1.982769E-04	1.097042E-05	3.930216E-06	1.568541E-03
222302	2.132002E-02	5.271296E-01	-1.982769E-04	1.097042E-05	3.930216E-06	1.568541E-03
223401	6.297326E-02	5.271296E-01	6.962269E-05	5.623623E-06	2.712516E-06	1.579727E-03
223402	6.286108E-02	5.271296E-01	6.962269E-05	5.623623E-06	2.712516E-06	1.579727E-03
520018	2.760553E-03	9.999999E-01	2.640693E-04	1.771022E-05	6.429408E-06	1.556340E-03
520024	3.747019E-03	9.999999E-01	-1.488227E-04	2.470969E-06	5.462164E-07	1.591075E-03
520057	8.949835E-03	9.999999E-01	-1.472908E-04	2.470378E-06	5.462164E-07	1.591075E-03
520065	1.015905E-02	9.999999E-01	-1.392123E-04	2.470339E-06	5.462164E-07	1.591075E-03
520068	1.074775E-02	9.999999E-01	-1.346206E-04	2.470339E-06	5.462164E-07	1.591075E-03
520135	1.246611E-02	9.999999E-01	-1.337524E-04	2.470339E-06	5.462164E-07	1.591075E-03
520139	2.132839E-02	9.999999E-01	-1.139915E-04	2.470339E-06	5.462164E-07	1.591075E-03
520152	2.198074E-02	9.999999E-01	-1.189785E-04	2.470339E-06	5.462164E-07	1.591075E-03
520185	2.406504E-02	1.000000E-00	-1.157421E-04	2.470339E-06	5.462164E-07	1.591075E-03

NATURAL FREQUENCIES AND MODE SHAPES  
FIGURE 8 0.0

REAL EIGENVECTOR NUM.														
POINT ID.	TYPE	T1	T2	T3	R1	R2	R3							
3331	G	1.019541E-02	-7.324910E-02	4.529373E-02	0.0	0.0	0.0							
3339	G	5.816918E-03	-7.324910E-02	1.663317E-01	0.0	0.0	0.0							
3341	G	1.424470E-02	1.482477E-02	2.039013E-02	0.0	0.0	0.0							
3349	G	-1.275139E-04	1.482477E-02	1.892354E-01	0.0	0.0	0.0							
4631	G	2.346304E-02	-8.725518E-02	-2.658110E-02	0.0	0.0	0.0							
4633	G	2.105098E-02	-1.309847E-01	2.450149E-03	0.0	0.0	0.0							
4637	G	1.508002E-03	-1.309847E-01	2.229797E-01	0.0	0.0	0.0							
4639	G	-1.230686E-03	-8.725518E-02	2.518294E-01	0.0	0.0	0.0							
4641	G	1.996518E-02	2.632832E-03	-3.727068E-02	0.0	0.0	0.0							
4649	G	-6.626077E-03	2.632832E-03	2.625191E-01	0.0	0.0	0.0							
4661	G	1.231194E-02	9.981138E-02	-5.202472E-03	0.0	0.0	0.0							
4669	G	-8.585609E-03	9.981138E-02	2.304510E-01	0.0	0.0	0.0							
6123	G	2.711514E-02	-2.092409E-01	3.290188E-04	0.0	0.0	0.0							
6127	G	5.562913E-03	-2.092409E-01	2.432517E-01	0.0	0.0	0.0							
6131	G	2.816794E-02	-1.474145E-01	-4.607572E-02	0.0	0.0	0.0							
6133	G	2.405213E-02	-1.474145E-01	3.297534E-04	0.0	0.0	0.0							
6137	G	-2.506880E-03	-1.474145E-01	2.493251E-01	0.0	0.0	0.0							
6139	G	-1.608971E-03	-1.474145E-01	2.896534E-01	0.0	0.0	0.0							
6141	G	2.403800E-02	-4.827607E-02	-5.982177E-02	0.0	0.0	0.0							
6143	G	1.915543E-02	-4.827607E-02	3.310153E-04	0.0	0.0	0.0							
6147	G	-2.399010E-03	-4.827607E-02	2.432503E-01	0.0	0.0	0.0							
6149	G	-7.288583E-03	-4.827607E-02	2.983993E-01	0.0	0.0	0.0							
6161	G	2.108669E-02	2.267533E-02	-6.113998E-02	0.0	0.0	0.0							
6163	G	1.565057E-02	2.267533E-02	3.102970E-04	0.0	0.0	0.0							
6167	G	-5.910181E-03	2.267533E-02	2.432503E-01	0.0	0.0	0.0							
6169	G	-1.135815E-02	2.267533E-02	3.047154E-01	0.0	0.0	0.0							
6171	G	9.974618E-03	1.444429E-01	-7.069176E-03	0.0	0.0	0.0							
6179	G	-1.156286E-02	1.444429E-01	2.338630E-01	0.0	0.0	0.0							
7031	G	2.948125E-02	-1.576932E-01	0.0	0.0	0.0	0.0							
7033	G	2.405175E-02	-1.576932E-01	6.057177E-04	0.0	0.0	0.0							
7037	G	2.507205E-03	-1.576932E-01	2.489373E-01	0.0	0.0	0.0							
7039	G	-2.922567E-03	-1.576932E-01	0.0	0.0	0.0	0.0							
7043	G	1.902338E-02	0.0	6.057177E-03	0.0	0.0	0.0							
7047	G	-2.531366E-03	0.0	2.489863E-01	0.0	0.0	0.0							
7061	G	2.165556E-02	1.705586E-02	-6.444520E-02	0.0	0.0	0.0							
7063	G	1.542310E-02	1.705586E-02	6.058183E-03	0.0	0.0	0.0							
7067	G	-6.138235E-03	1.700803E-02	2.489855E-01	0.0	0.0	0.0							
7069	G	-1.237311E-02	1.700803E-02	3.192549E-01	0.0	0.0	0.0							
7071	G	1.063450E-02	0.0	-6.059356E-02	0.0	0.0	0.0							
7079	G	4.494654E-02	0.0	3.176130E-01	0.0	0.0	0.0							
7505	G	-2.228859E-02	-3.449647E-01	1.303509E-01	-1.211649E-02	-6.006074E-04	-1.077277E-03							
8303	G	-1.133676E-03	1.206734E-01	1.343547E-01	0.0	0.0	0.0							
8531	G	3.177991E-02	-1.732805E-01	0.0	0.0	0.0	0.0							
8533	G	2.405175E-02	-1.732805E-01	1.474797E-02	0.0	0.0	0.0							
8537	G	2.507205E-03	-1.732805E-01	2.576777E-01	0.0	0.0	0.0							
8539	G	-4.924707E-03	-1.732805E-01	0.0	0.0	0.0	0.0							
8543	G	1.881897E-02	0.0	1.474797E-02	0.0	0.0	0.0							
8547	G	-2.734719E-03	0.0	2.576777E-01	0.0	0.0	0.0							
8561	G	2.252478E-02	8.559834E-03	-6.940833E-02	0.0	0.0	0.0							
8563	G	1.507588E-02	8.559834E-03	1.474725E-02	0.0	0.0	0.0							
8567	G	-6.467064E-03	8.515529E-03	2.576777E-01	0.0	0.0	0.0							
8569	G	-1.390657E-02	8.515529E-03	3.616384E-01	0.0	0.0	0.0							
8571	G	1.063668E-02	0.0	-7.317123E-02	0.0	0.0	0.0							
8579	G	4.490934E-02	0.0	3.399356E-01	0.0	0.0	0.0							
9303	G	3.867175E-02	-4.759407E-01	1.938322E-02	0.0	0.0	0.0							
9307	G	1.705796E-02	-4.759407E-01	2.623363E-01	0.0	0.0	0.0							



9313	1.771226E-02	-4.124072E-01	1.938141E-17	0.0	0.0
9317	1.344011E-02	-4.12405E-01	2.623188E-11	0.0	0.0
9331	1.254113E-02	-1.816111E-01	-7.648793E-02	0.0	0.0
9333	2.405081E-02	-1.816124E-01	1.93845E-02	0.0	0.0
9337	2.507727E-03	-1.816224E-01	2.623299E-01	0.0	0.0
9339	-2.499181E-03	-1.816234E-01	3.581662E-01	0.0	0.0
9341	0.0	-7.479797E-02	-6.661564E-02	0.0	0.0
9343	1.844933E-02	-7.479262E-02	2.084124E-02	0.0	0.0
9347	-2.970499E-03	-7.478338E-02	2.637794E-01	0.0	0.0
9349	0.0	-7.474654E-02	3.455738E-01	0.0	0.0
9361	2.423924E-02	-1.608712E-03	-7.342994E-02	0.0	0.0
9363	1.790213E-02	-1.608264E-03	2.187487E-02	0.0	0.0
9367	-6.778397E-03	-1.617619E-03	2.648245E-01	0.0	0.0
9369	-1.517651E-02	-1.618767E-03	3.601264E-01	0.0	0.0
9371	1.933501E-02	7.030779E-02	-7.013344E-02	0.0	0.0
9373	0.0	7.030792E-02	2.493280E-02	0.0	0.0
9377	0.0	7.031196E-02	2.540683E-01	0.0	0.0
9379	-1.855049E-02	7.031780E-02	3.587769E-01	0.0	0.0
11300	2.954793E-02	-3.131034E-01	3.164927E-02	0.0	0.0
11303	3.522990E-02	-4.367884E-01	0.0	0.0	0.0
11307	1.393045E-02	-4.367884E-01	0.0	0.0	0.0
11331	3.252658E-02	-2.059778E-01	0.0	0.0	0.0
11333	2.402861E-02	-2.059805E-01	0.0	0.0	0.0
11337	2.528759E-03	-2.059886E-01	2.758021E-01	0.0	0.0
11339	-5.943370E-03	-2.059883E-01	0.0	0.0	0.0
11343	1.845570E-02	-9.646165E-02	3.299152E-02	0.0	0.0
11347	-2.901648E-03	-9.646165E-02	2.758055E-01	0.0	0.0
11361	2.290388E-02	-9.366024E-03	-6.326634E-02	0.0	0.0
11363	1.438184E-02	-9.366024E-03	3.298947E-02	0.0	0.0
11367	-7.254144E-03	-9.210292E-03	2.758083E-01	0.0	0.0
11369	-1.576653E-02	-9.210270E-03	3.725800E-01	0.0	0.0
11371	5.874213E-03	0.0	-6.415400E-02	0.0	0.0
11379	4.980429E-02	0.0	3.685274E-01	0.0	0.0
11700	1.155209E-02	-3.276278E-01	2.620589E-01	0.0	0.0
11700	-5.939734E-03	-1.624461E-01	1.680523E-01	0.0	0.0
13801	4.097488E-02	-4.495625E-01	-2.399637E-02	0.0	0.0
13803	3.553875E-02	-4.617667E-01	4.665211E-02	0.0	0.0
13807	1.362158E-02	-4.617628E-01	2.898514E-01	0.0	0.0
13809	7.299371E-03	-4.496508E-01	3.603958E-01	0.0	0.0
13821	3.789920E-02	-3.528354E-01	-4.668088E-02	0.0	0.0
13823	2.971140E-02	-3.528382E-01	4.668003E-02	0.0	0.0
13827	9.941453E-03	-3.528354E-01	2.898090E-01	0.0	0.0
13829	7.357190E-04	-3.528352E-01	3.835900E-01	0.0	0.0
13831	3.249846E-02	-2.308477E-01	-4.982280E-02	0.0	0.0
13833	2.392799E-02	-2.308456E-01	4.673943E-02	0.0	0.0
13837	2.632920E-03	-2.308433E-01	2.897611E-01	0.0	0.0
13839	-5.446186E-03	-2.308776E-01	3.861272E-01	0.0	0.0
13841	0.0	-1.213933E-01	-5.038557E-02	0.0	0.0
13843	1.872544E-02	-1.213961E-01	4.674478E-02	0.0	0.0
13847	-9.81221E-03	-1.213979E-01	2.897601E-01	0.0	0.0
13848	-2.981605E-03	-1.181371E-01	2.876559E-01	0.0	0.0
13849	0.0	-1.181526E-01	3.635944E-01	0.0	0.0
13861	2.248804E-02	-2.304624E-02	-5.048954E-02	0.0	0.0
13863	1.392049E-02	-2.304570E-02	4.674274E-02	0.0	0.0
13867	-7.731229E-03	-1.899846E-02	2.858271E-01	0.0	0.0
13869	-1.439592E-02	-1.900308E-02	3.836172E-01	0.0	0.0
13871	1.555113E-02	0.0	-4.976014E-02	0.0	0.0
13879	1.150032E-01	0.0	3.631984E-01	0.0	0.0
14001	4.097688E-02	-4.599514E-01	-1.783655E-02	0.0	0.0
14003	3.562641E-02	-4.720764E-01	5.270938E-02	0.0	0.0
14007	1.342446E-02	-4.720726E-01	2.956034E-01	0.0	0.0
14009	7.299371E-03	-4.599488E-01	3.661479E-01	0.0	0.0
14021	3.786247E-02	-3.632328E-01	-4.045395E-02	0.0	0.0
14023	2.960888E-02	-3.632610E-01	5.270938E-02	0.0	0.0
14027	9.044554E-03	-3.632609E-01	2.956034E-01	0.0	0.0
14029	7.012704E-04	-3.632308E-01	3.687644E-01	0.0	0.0



14831	3.240550E-02	-2.413759E-01	-4.387309E-02	0.0	0.0	0.0
14832	2.388191E-01	-2.413910E-01	5.254644E-02	0.0	0.0	0.0
14833	2.679846E-01	-2.413866E-01	2.957512E-01	0.0	0.0	0.0
14834	-5.079508E-01	-2.413714E-01	3.922055E-01	0.0	0.0	0.0
14835	0.0	-1.319280E-01	-4.555574E-02	0.0	0.0	0.0
14836	1.861632E-01	-1.319308E-01	5.254405E-02	0.0	0.0	0.0
14837	-3.072654E-01	-1.319289E-01	2.957737E-01	0.0	0.0	0.0
14838	0.0	-1.119216E-01	3.929142E-01	0.0	0.0	0.0
14839	2.222020E-02	-2.566052E-02	-4.59185E-02	0.0	0.0	0.0
14840	1.370584E-02	-2.865815E-02	5.25417E-02	0.0	0.0	0.0
14841	-8.190829E-02	-2.864819E-02	2.95782E-01	0.0	0.0	0.0
14842	-1.677353E-02	-2.864313E-02	3.929902E-01	0.0	0.0	0.0
14843	1.328351E-02	-1.385452E-01	-3.874235E-02	0.0	0.0	0.0
14844	5.106919E-03	1.385475E-01	5.466655E-02	0.0	0.0	0.0
14845	-1.646523E-02	1.385553E-01	2.980248E-01	0.0	0.0	0.0
14846	-2.462409E-02	1.385570E-01	3.909635E-01	0.0	0.0	0.0
14847	3.707061E-02	-4.357178E-01	1.290084E-02	-1.213094E-02	-6.708507E-04	-1.052812E-03
14848	8.358542E-03	-4.357163E-01	3.401655E-01	-1.213063E-02	-5.328767E-04	-1.053174E-03
14849	3.104370E-02	-4.558502E-01	2.057014E-02	0.0	0.0	0.0
14850	3.562641E-02	-4.804043E-01	5.801241E-02	0.0	0.0	0.0
14851	1.382444E-02	-4.804032E-01	2.998195E-01	0.0	0.0	0.0
14852	5.999103E-03	-4.558497E-01	3.782902E-01	0.0	0.0	0.0
14853	3.786471E-02	-3.716092E-01	-3.559977E-02	0.0	0.0	0.0
14854	3.136707E-02	-3.715895E-01	3.775703E-02	0.0	0.0	0.0
14855	1.932808E-02	-3.716501E-01	1.789175E-01	0.0	0.0	0.0
14856	7.285755E-03	-3.715914E-01	3.200766E-01	0.0	0.0	0.0
14857	8.029467E-04	-3.716112E-01	3.934278E-01	0.0	0.0	0.0
14858	-2.323900E-02	0.0	3.797326E-02	0.0	0.0	0.0
14859	-4.911711E-02	0.0	3.194994E-01	0.0	0.0	0.0
14860	1.328462E-02	1.259424E-01	-3.087946E-02	0.0	0.0	0.0
14861	7.624031E-01	1.259419E-01	0.0	0.0	0.0	0.0
14862	-5.679768E-03	1.259373E-01	0.0	0.0	0.0	0.0
14863	-1.899338E-02	1.259468E-01	0.0	0.0	0.0	0.0
14864	-2.464743E-02	1.259467E-01	3.974272E-01	0.0	0.0	0.0
14865	9.081736E-03	-1.778592E-01	1.864592E-01	0.0	0.0	0.0
14866	4.019624E-02	-4.977497E-01	7.426665E-03	0.0	0.0	0.0
14867	3.466160E-02	-5.120379E-01	8.389246E-02	0.0	0.0	0.0
14868	1.480807E-02	-5.120376E-01	3.098546E-01	0.0	0.0	0.0
14869	6.861307E-03	-4.477509E-01	3.863555E-01	0.0	0.0	0.0
14870	3.786821E-02	-4.030823E-01	-1.433503E-02	0.0	0.0	0.0
14871	3.000806E-02	-4.330785E-01	7.550667E-02	0.0	0.0	0.0
14872	1.933269E-02	-4.030803E-01	1.768743E-01	0.0	0.0	0.0
14873	8.654969E-03	-4.030780E-01	3.182406E-01	0.0	0.0	0.0
14874	7.906300E-04	-4.030843E-01	4.000758E-01	0.0	0.0	0.0
14875	3.220345E-02	-2.812338E-01	-1.795134E-02	0.0	0.0	0.0
14876	0.0	-2.812327E-01	7.550746E-02	0.0	0.0	0.0
14877	0.0	-2.812352E-01	1.868753E-01	0.0	0.0	0.0
14878	0.0	-2.812337E-01	3.182423E-01	0.0	0.0	0.0
14879	-5.592514E-03	-2.812338E-01	4.117322E-01	0.0	0.0	0.0
14880	2.665170E-02	-1.573260E-01	-1.975575E-02	-1.213495E-02	-6.184881E-04	-1.086642E-03
14881	2.447653E-02	-1.573275E-01	4.514335E-03	-1.213503E-02	-6.179100E-04	-1.088512E-03
14882	2.069183E-02	-1.573295E-01	4.668485E-02	0.0	-6.173737E-04	-1.089694E-03
14883	1.348724E-02	-1.573344E-01	1.266043E-01	0.0	0.0	-1.097422E-03
14884	7.126391E-03	-1.573361E-01	1.868765E-01	0.0	0.0	-1.088450E-03
14885	7.710355E-03	-1.573352E-01	2.871848E-01	0.0	0.0	-1.095525E-03
14886	-6.413963E-03	-1.573312E-01	3.470690E-01	0.0	-5.826944E-04	-1.085643E-03
14887	-1.018419E-02	-1.573294E-01	3.815212E-01	-1.213582E-02	-5.827477E-04	-1.084314E-03
14888	-1.235055E-02	-1.573280E-01	4.135127E-01	-1.213524E-02	-5.828408E-04	-1.082095E-03
14889	2.529757E-02	-1.573175E-01	-1.975666E-02	-1.213503E-02	-6.180163E-04	-1.084905E-03
14890	2.312516E-02	-1.573272E-01	4.513647E-03	-1.213482E-02	-6.164585E-04	-1.087251E-03
14891	-1.146397E-02	-1.573355E-01	3.892241E-01	-1.213504E-02	-5.844957E-04	-1.083104E-03
14892	-1.362758E-02	-1.573350E-01	4.135111E-01	-1.213566E-02	-5.835451E-04	-1.080292E-03
14893	2.718627E-02	-7.335794E-02	-1.975308E-02	-1.213572E-02	-6.162715E-04	-1.087209E-03
14894	2.020667E-02	-7.335770E-02	4.513398E-03	-1.213578E-02	-6.157414E-04	-1.085095E-03
14895	-1.462435E-02	-7.335844E-02	3.402210E-01	-1.213608E-02	-5.851316E-04	-1.084555E-03
14896	-1.634354E-02	-7.335871E-02	4.135123E-01	-1.213541E-02	-5.858662E-04	-1.085944E-03

18661	2.046547E-02	-7.176104E-02	1.975119E-02	-1.213513E-02	-1.052225E-04	-1.086752E-03
18662	1.869182E-02	-4.161741E-02	4.526845E-03	-1.213612E-02	-6.101492E-04	-1.087012E-03
18663	1.491460E-02	-4.361541E-02	4.688536E-03	-1.213655E-02	0.0	-1.086719E-03
18664	7.769864E-03	-4.176063E-02	1.266402E-01	0.0	0.0	-1.083656E-03
18665	1.499564E-03	-4.176063E-02	1.266402E-01	0.0	0.0	-1.083656E-03
18666	-4.770789E-03	-4.176063E-02	2.671486E-01	0.0	0.0	-1.083675E-03
18667	1.191570E-02	-4.176063E-02	3.470866E-01	-1.213660E-02	-5.936073E-04	-1.086754E-03
18668	1.569277E-02	-4.176063E-02	3.492413E-01	-1.213611E-02	-5.916448E-04	-1.086930E-03
18669	1.127888E-02	-4.176063E-02	1.151132E-01	-1.213611E-02	-5.926451E-04	-1.086376E-03
18670	1.127888E-02	-4.176063E-02	1.151132E-01	0.0	0.0	0.0
18671	7.6117891E-03	1.020142E-01	1.733360E-02	-1.213656E-02	-6.093252E-04	-1.074987E-03
18672	5.682673E-03	1.020142E-01	4.668562E-02	0.0	0.0	0.0
18673	1.499805E-02	1.020142E-01	1.968780E-01	-1.213660E-02	-5.911845E-04	-1.074987E-03
18674	2.467624E-02	1.020142E-01	3.470866E-01	0.0	0.0	0.0
18675	1.617090E-03	9.05226E-02	4.10841E-01	0.0	0.0	0.0
18676	1.893737E-02	9.05226E-02	4.892169E-02	0.0	0.0	0.0
18677	7.692647E-02	1.785746E-01	3.492616E-01	0.0	0.0	0.0
18678	1.971164E-02	-1.863409E-01	1.087444E-02	-1.213657E-02	-6.002609E-04	-1.072633E-03
18679	1.665283E-02	-1.863409E-01	8.087444E-02	-1.213657E-02	-6.002609E-04	-1.072633E-03
18680	8.038357E-03	-1.863409E-01	1.071762E-01	-1.213534E-02	-6.052176E-04	-1.086754E-03
18681	1.770696E-04	-1.863409E-01	2.032806E-01	0.0	0.0	-1.087208E-03
18682	-2.936467E-03	-1.863409E-01	2.994051E-01	0.0	0.0	-1.087955E-03
18683	1.162465E-02	-1.863409E-01	3.257392E-01	-1.213524E-02	-5.99652E-04	-1.087450E-03
18684	2.282687E-02	-1.863409E-01	4.084563E-01	-1.213755E-02	-5.993373E-04	-1.087095E-03
18685	1.452893E-02	-1.863409E-01	1.187496E-02	-1.213755E-02	-6.055564E-04	-1.086854E-03
18686	7.379543E-03	-1.863409E-01	8.084202E-02	-1.213502E-02	-6.044442E-04	-1.086713E-03
18687	1.568044E-02	-1.863409E-01	3.257392E-01	-1.213490E-02	-6.001582E-04	-1.085822E-03
18688	1.331086E-02	-1.863409E-01	4.10841E-01	-1.213792E-02	-5.990251E-04	-1.086171E-03
18689	1.303635E-02	-1.863409E-01	1.087444E-02	-1.213554E-02	-6.056060E-04	-1.085721E-03
18690	1.068087E-02	-1.863409E-01	1.071762E-01	-1.213576E-02	-6.042281E-04	-1.085652E-03
18691	2.087890E-03	-1.863409E-01	2.032806E-01	0.0	0.0	-1.085310E-03
18692	6.506197E-03	-1.863409E-01	2.994051E-01	0.0	0.0	-1.084386E-03
18693	8.862378E-02	-1.863409E-01	3.257392E-01	-1.213579E-02	-6.002318E-04	-1.085591E-03
18694	1.715984E-02	-1.863409E-01	3.257392E-01	-1.213553E-02	-6.003957E-04	-1.086009E-03
18695	7.615693E-03	-1.863409E-01	4.10841E-01	0.0	0.0	-1.086092E-03
18696	1.898645E-02	-1.863409E-01	6.187136E-02	0.0	0.0	-1.086092E-03
18697	3.748910E-02	-1.863409E-01	3.624402E-01	0.0	0.0	-1.085363E-03
18698	3.008824E-02	-1.863409E-01	8.050686E-03	0.0	0.0	0.0
18699	1.936288E-02	-1.863409E-01	8.050686E-03	0.0	0.0	0.0
18700	8.610085E-03	-1.863409E-01	2.135584E-01	0.0	0.0	0.0
18701	1.217454E-03	-1.863409E-01	3.49677E-01	0.0	0.0	0.0
18702	2.707478E-02	-1.863409E-01	4.10841E-01	-1.214025E-02	-5.891218E-04	-1.085549E-03
18703	2.101458E-02	-1.863409E-01	6.787062E-02	0.0	0.0	-1.082881E-03
18704	6.085240E-03	-1.863409E-01	2.135601E-01	0.0	0.0	-1.082881E-03
18705	4.895844E-03	-1.863409E-01	3.592509E-01	0.0	0.0	-1.075805E-03
18706	1.100697E-02	-1.863409E-01	4.271246E-01	-1.214048E-02	-6.189910E-04	-1.091505E-03
18707	2.109351E-02	-1.863409E-01	1.695976E-03	0.0	0.0	-1.095142E-03
18708	1.529109E-02	-1.863409E-01	6.331974E-02	-1.213885E-02	-6.108424E-04	0.0
18709	7.876769E-03	-1.863409E-01	1.661765E-01	0.0	0.0	0.0
18710	4.134924E-03	-1.863409E-01	2.809447E-01	0.0	0.0	0.0
18711	1.153535E-02	-1.863409E-01	3.638021E-01	-1.213878E-02	-5.910150E-04	0.0
18712	1.734003E-02	-1.863409E-01	4.288197E-01	0.0	0.0	0.0
18713	7.615879E-03	-1.863409E-01	6.332082E-02	-1.213938E-02	-6.101069E-04	-1.065186E-03
18714	1.898691E-02	-1.863409E-01	3.638009E-01	-1.213935E-02	-5.920348E-04	-1.065149E-03
18715	0.0	-1.863409E-01	2.138976E-01	-1.214062E-02	0.0	0.0
18716	3.855447E-02	-1.863409E-01	4.683325E-02	0.0	0.0	0.0
18717	3.398795E-02	-1.863409E-01	1.119119E-01	0.0	0.0	0.0
18718	1.550546E-02	-1.863409E-01	1.212506E-01	0.0	0.0	0.0
18719	8.533709E-03	-1.863409E-01	3.432666E-01	0.0	0.0	0.0
18720	3.734246E-02	-1.863409E-01	3.432666E-01	0.0	0.0	0.0
18721	3.009935E-02	-1.863409E-01	9.515929E-02	0.0	0.0	0.0
18722	1.934754E-02	-1.863409E-01	2.165810E-01	0.0	0.0	0.0
18723	8.599978E-03	-1.863409E-01	3.860011E-01	0.0	0.0	0.0
18724	1.361801E-03	-1.863409E-01	4.196053E-01	0.0	0.0	0.0
18725	3.684980E-02	-1.863409E-01	5.244155E-02	0.0	0.0	0.0
18726	7.832717E-03	-1.863409E-01	3.831166E-01	0.0	0.0	0.0

22701	G	3.740500E-02	7.552004E-01	5.880746E-02	3.00	0.00	0.00	1.080019E-03
22703	G	3.317812E-02	5.563171E-01	1.263307E-01	0.00	0.00	0.00	1.080019E-03
22707	G	1.631807E-02	5.563171E-01	3.172389E-01	0.00	0.00	0.00	1.080019E-03
22709	G	9.124004E-03	5.563171E-01	3.847660E-01	0.00	0.00	0.00	1.080019E-03
22721	G	2.703548E-02	4.474323E-01	2.224441E-02	0.00	0.00	0.00	1.080020E-03
22723	G	3.010274E-02	4.474323E-01	1.003439E-01	0.00	0.00	0.00	1.080023E-03
22725	G	1.934904E-02	4.474323E-01	2.217842E-01	0.00	0.00	0.00	1.080017E-03
22727	G	8.597612E-03	4.474323E-01	4.332280E-01	0.00	0.00	0.00	1.080019E-03
22729	G	1.460478E-02	4.474323E-01	4.213292E-01	0.00	0.00	0.00	1.080020E-03
23100	G	1.029987E-02	4.474323E-01	2.443000E-01	0.00	0.00	0.00	1.080021E-03
25001	G	3.608584E-02	5.562137E-01	4.404671E-02	0.00	0.00	0.00	1.080021E-03
25003	G	3.118937E-02	5.562137E-01	1.401893E-01	0.00	0.00	0.00	1.080021E-03
25007	G	1.918952E-02	5.562137E-01	2.981884E-01	0.00	0.00	0.00	1.080021E-03
25021	G	1.100720E-02	5.562137E-01	4.401203E-02	0.00	0.00	0.00	1.080021E-03
25025	G	3.608763E-02	4.715808E-01	2.352682E-01	0.00	0.00	0.00	1.080018E-03
25029	G	1.934968E-02	4.715808E-01	4.237248E-01	0.00	0.00	0.00	1.080017E-03
25041	G	2.617602E-03	4.715808E-01	3.855812E-02	0.00	0.00	0.00	1.080020E-03
25045	G	2.684479E-02	2.697936E-01	2.352687E-01	0.00	0.00	0.00	1.080020E-03
25049	G	8.159656E-03	2.697936E-01	4.319798E-01	0.00	0.00	0.00	1.080019E-03
25061	G	1.994435E-02	1.104134E-01	3.855743E-02	0.00	0.00	0.00	1.080019E-03
25065	G	2.431219E-03	1.104134E-01	2.352687E-01	0.00	0.00	0.00	1.080019E-03
25069	G	1.508142E-02	1.104134E-01	2.352687E-01	0.00	0.00	0.00	1.080019E-03
26801	G	3.252799E-02	5.873345E-01	3.174968E-01	0.00	0.00	0.00	1.080019E-03
26809	G	1.849078E-02	5.873345E-01	3.174968E-01	0.00	0.00	0.00	1.080019E-03
26821	G	3.506633E-02	4.912904E-01	4.255556E-02	0.00	0.00	0.00	1.080019E-03
26825	G	1.934956E-02	4.912904E-01	4.625556E-01	0.00	0.00	0.00	1.080019E-03
26829	G	3.633481E-03	4.912904E-01	4.230561E-01	0.00	0.00	0.00	1.080019E-03
26841	G	2.587200E-02	3.028572E-01	6.787217E-02	0.00	0.00	0.00	1.080019E-03
26845	G	0.00	3.028572E-01	2.662557E-01	0.00	0.00	0.00	1.080019E-03
26849	G	5.862355E-03	3.028572E-01	4.266344E-01	0.00	0.00	0.00	1.080019E-03
26851	G	1.864657E-02	1.559459E-01	6.666321E-02	0.00	0.00	0.00	1.080019E-03
26855	G	2.725938E-02	1.559459E-01	2.462556E-01	0.00	0.00	0.00	1.080019E-03
26859	G	1.323709E-02	1.559459E-01	4.258480E-01	0.00	0.00	0.00	1.080019E-03
26865	G	1.936747E-02	5.784617E-01	2.657471E-01	0.00	0.00	0.00	1.080019E-03
26871	G	3.722219E-02	5.259907E-01	1.208491E-01	0.00	0.00	0.00	1.080019E-03
26875	G	1.934914E-02	5.259907E-01	2.655904E-01	0.00	0.00	0.00	1.080019E-03
26879	G	6.474528E-03	5.259907E-01	9.153194E-01	0.00	0.00	0.00	1.080019E-03
26881	G	2.673845E-02	3.622547E-01	9.156585E-02	0.00	0.00	0.00	1.080019E-03
26885	G	0.00	3.622547E-01	2.638651E-01	0.00	0.00	0.00	1.080019E-03
26889	G	4.157379E-03	3.622547E-01	4.385912E-01	0.00	0.00	0.00	1.080019E-03
26895	G	1.647003E-02	1.934116E-01	1.153126E-01	0.00	0.00	0.00	1.080019E-03
26901	G	3.196030E-03	1.934116E-01	2.645693E-01	0.00	0.00	0.00	1.080019E-03
26905	G	1.007689E-02	1.934116E-01	4.138047E-01	0.00	0.00	0.00	1.080019E-03
26909	G	1.114908E-02	3.797499E-01	2.651027E-01	0.00	0.00	0.00	1.080019E-03
30045	G	1.047061E-02	3.656825E-01	2.651027E-01	1.214220E-02	6.020041E-04	0.00	1.080019E-03
31745	G	9.689201E-03	3.724732E-01	2.860273E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
33845	G	8.907810E-03	3.792853E-01	3.011892E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
38045	G	8.124088E-03	3.661078E-01	3.137773E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
40141	G	4.104502E-02	3.979141E-01	5.308124E-02	1.214221E-02	6.020041E-04	0.00	1.080019E-03
40142	G	2.983445E-02	3.929141E-01	7.295465E-02	1.214221E-02	6.020041E-04	0.00	1.080019E-03
40143	G	1.779903E-02	3.929141E-01	2.082595E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
40145	G	7.344414E-03	3.929141E-01	3.682462E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
40147	G	3.110202E-03	3.929141E-01	4.638990E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
40148	G	1.519562E-02	3.929141E-01	5.797703E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
40149	G	2.640619E-02	3.929141E-01	7.058064E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
42245	G	6.564404E-03	3.997278E-01	3.889522E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
44345	G	5.780403E-03	4.065382E-01	3.515400E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
45245	G	5.440269E-03	4.095082E-01	3.501959E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
46445	G	4.997201E-03	4.133666E-01	3.641515E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
48045	G	4.388627E-03	4.147615E-01	3.738607E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
48845	G	9.457488E-03	4.486349E-01	3.790981E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
49745	G	1.460462E-02	5.436625E-02	3.844196E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
50645	G	1.974571E-02	3.979150E-02	1.897335E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
51545	G	2.469284E-02	1.360377E-01	1.950511E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03
52045	G	3.314644E-02	2.353841E-01	3.982056E-01	1.214221E-02	6.020041E-04	0.00	1.080019E-03



71920	-1.259800E-02	-1.4049551E-01	4.361774E-01	-1.213837E-02	-6.011690E-04	-1.068471E-01
71934	-1.315607E-02	-1.465961E-01	4.665193E-01	-1.213114E-02	-6.194767E-04	-1.080994E-01
71945	-1.276231E-02	-1.425631E-01	4.551935E-01	-1.213114E-02	-6.194767E-04	-1.080994E-01
71936	-1.232637E-02	-1.375191E-01	4.465193E-01	-1.213114E-02	-6.194767E-04	-1.080994E-01
72211	-2.285637E-02	-2.893035E-02	4.665915E-01	0.0	0.0	0.0
72213	-1.305008E-02	-5.961600E-02	4.665915E-01	-1.213580E-02	-5.901481E-04	-1.080994E-01
72217	-1.764069E-02	-1.436129E-01	4.665915E-01	-1.214060E-02	-5.756065E-04	-1.055412E-01
72219	-1.679799E-02	-1.634799E-01	4.665915E-01	0.0	0.0	0.0
72224	-2.001895E-02	-1.752673E-02	4.729270E-01	-1.213478E-02	-6.218797E-04	-1.074525E-01
72226	-1.883306E-02	-1.682466E-01	4.729270E-01	-1.214032E-02	-5.914337E-04	-1.074525E-01
72229	-1.563869E-02	-1.704032E-01	4.729270E-01	-1.214032E-02	-5.914337E-04	-1.074525E-01
72231	-1.694711E-02	-1.948135E-01	4.729270E-01	-1.213889E-02	-6.123766E-04	-1.069738E-01
72239	-1.594711E-02	-1.352138E-01	4.828201E-01	-1.213333E-02	-5.367274E-04	-1.076767E-01
72811	-2.909389E-02	-2.127528E-01	4.828201E-01	-1.212570E-02	-6.124934E-04	-1.092519E-01
72819	-2.345697E-02	-1.942003E-02	5.378698E-01	0.0	0.0	0.0
72821	-2.782433E-02	-1.530334E-01	5.378698E-01	0.0	0.0	0.0
72829	-2.227853E-02	-1.649317E-02	5.440724E-01	0.0	0.0	0.0
72831	-2.356708E-02	-1.475511E-01	5.440724E-01	0.0	0.0	0.0
72839	-2.223896E-02	-1.784141E-01	5.534194E-01	0.0	0.0	0.0
73411	-3.552966E-02	-2.051097E-01	5.534194E-01	0.0	0.0	0.0
73419	-3.025570E-02	-1.134022E-02	6.115170E-01	0.0	0.0	0.0
73421	-3.426054E-02	-1.452789E-01	6.115170E-01	0.0	0.0	0.0
73429	-2.915324E-02	-1.754143E-02	6.115170E-01	0.0	0.0	0.0
73431	-3.035622E-02	-1.800936E-01	6.175436E-01	0.0	0.0	0.0
73439	-2.926883E-02	-1.972227E-01	6.262338E-01	0.0	0.0	0.0
74211	-4.464906E-02	-4.346113E-02	7.158630E-01	0.0	0.0	0.0
74219	-4.312335E-02	-1.343629E-01	7.158630E-01	0.0	0.0	0.0
74221	-4.338020E-02	-7.917257E-02	7.158630E-01	0.0	0.0	0.0
74229	-3.957225E-02	-1.695455E-01	7.216211E-01	-1.213651E-02	-6.342157E-04	-1.0969221E-01
74231	-3.674501E-02	-1.514210E-01	7.293916E-01	0.0	0.0	0.0
75011	-5.353091E-02	-1.460576E-01	7.293916E-01	0.0	0.0	0.0
75014	-4.960371E-02	-1.237473E-01	8.171182E-01	0.0	0.0	0.0
75021	-5.223214E-02	-8.076078E-02	8.171182E-01	0.0	0.0	0.0
75029	-4.832286E-02	-1.592810E-01	8.226406E-01	0.0	0.0	0.0
75031	-4.933776E-02	-1.517118E-01	8.295165E-01	0.0	0.0	0.0
75039	-4.813560E-02	-1.752563E-01	8.295165E-01	0.0	0.0	0.0
75041	-6.235294E-02	-1.748477E-02	9.183794E-01	0.0	0.0	0.0
75049	-5.938424E-02	-1.131425E-01	9.183794E-01	0.0	0.0	0.0
75091	-6.109421E-02	-8.234876E-02	9.236600E-01	0.0	0.0	0.0
75099	-5.776112E-02	-1.493949E-01	9.236600E-01	-1.213650E-02	-6.042379E-04	-1.114121E-01
75931	-5.864130E-02	-1.472024E-01	9.294416E-01	0.0	0.0	0.0
75939	-5.752553E-02	-1.644549E-01	9.294416E-01	0.0	0.0	0.0
12400	-1.054033E-03	1.944084E-01	1.928550E-01	-1.327262E-02	-2.055207E-03	-3.880546E-04
12467	-1.154755E-02	-1.135711E-01	3.908209E-01	0.0	0.0	0.0
12468	-3.990364E-03	1.341213E-01	3.994111E-01	0.0	0.0	0.0
124800	-1.054033E-03	1.951128E-01	2.420851E-01	-1.327262E-02	-2.055207E-03	-3.880546E-04
125063	1.649361E-02	-1.304114E-01	7.731795E-02	0.0	0.0	0.0
125065	3.372675E-04	-1.304114E-01	2.587891E-01	0.0	0.0	0.0
125067	-1.163078E-02	-1.304114E-01	4.319796E-01	0.0	0.0	0.0
125384	1.493888E-02	1.392195E-01	9.733003E-02	0.0	0.0	0.0
125387	5.815372E-03	1.392195E-01	4.087322E-01	0.0	0.0	0.0
125863	1.451191E-02	-1.559459E-01	3.675504E-01	0.0	0.0	0.0
125867	-8.070558E-03	-1.559459E-01	3.675504E-01	0.0	0.0	0.0
127200	-1.054033E-03	1.944084E-01	2.930562E-01	-1.213650E-02	-6.042379E-04	-1.114121E-01
189073	7.580955E-03	9.494190E-02	4.888184E-02	-1.213849E-02	-6.027317E-04	-1.072021E-01
189077	-1.895157E-02	9.494190E-02	3.494394E-02	-1.213849E-02	-6.027317E-04	-1.072021E-01
200070	-1.126245E-03	-9.31042E-03	2.051591E-01	-1.213849E-02	-6.027317E-04	-1.072021E-01
200078	-5.84707E-03	8.749739E-02	2.051591E-01	-1.213849E-02	-6.027317E-04	-1.072021E-01
200079	-6.577346E-03	1.752743E-01	2.051591E-01	-1.213849E-02	-6.027317E-04	-1.072021E-01
200086	-1.391170E-02	1.926693E-01	2.051591E-01	-1.213849E-02	-6.027317E-04	-1.072021E-01
200087	-1.391170E-02	1.926693E-01	2.051591E-01	-1.213849E-02	-6.027317E-04	-1.072021E-01
200095	-1.614092E-02	2.944611E-01	2.051591E-01	-1.213849E-02	-6.027317E-04	-1.072021E-01
200096	-1.614092E-02	2.944611E-01	2.051591E-01	-1.213849E-02	-6.027317E-04	-1.072021E-01
200101	-1.961143E-02	3.577670E-01	2.051591E-01	-1.213849E-02	-6.027317E-04	-1.072021E-01

200106	G	-2.282098E-02	4.324043E-01	2.051591E-01	-1.213847E-02	-5.027326E-04	-1.072021E-03
200114	G	-2.784283E-02	5.295121E-01	2.051591E-01	-1.213848E-02	-6.027322E-04	-1.072021E-03
200121	G	-3.186196E-02	6.144816E-01	2.051591E-01	-1.213849E-02	-6.027322E-04	-1.072021E-03
200129	G	-3.608302E-02	7.115896E-01	2.051592E-01	-1.213848E-02	-6.027324E-04	-1.072021E-03
200137	G	-4.150568E-02	8.086973E-01	2.051591E-01	-1.213848E-02	-6.027319E-04	-1.072021E-03
200145	G	-4.632753E-02	9.058052E-01	2.051591E-01	-1.213849E-02	-6.027315E-04	-1.072021E-03
200153	G	-5.100474E-02	1.000000E 00	2.051591E-01	-1.213849E-02	-6.027315E-04	-1.072021E-03
200159	G	-5.213677E-02	1.026826E 00	2.051591E-01	-1.213849E-02	-6.027315E-04	-1.072021E-03
211301	G	-5.074766E-03	6.692891E-01	6.358441E-01	-1.212883E-02	-6.067383E-04	-1.070023E-03
211002	G	7.940992E-02	6.692815E-01	3.336742E-01	-1.212883E-02	-5.979002E-04	-1.070231E-03
211073	G	7.580959E-03	7.674327E-02	6.200938E-02	-1.213849E-02	-6.027317E-04	-1.072021E-03
211077	G	-1.895157E-02	7.674327E-02	3.624369E-01	-1.213849E-02	-6.027317E-04	-1.072021E-03
214375	G	-5.695307E-03	7.176304E-02	2.138987E-01	-1.213849E-02	-6.027317E-04	-1.072021E-03
214901	G	-6.073736E-03	7.114501E-01	6.597677E-01	-1.212883E-02	-6.067383E-04	-1.070023E-03
214902	G	7.920992E-02	7.114507E-01	3.100990E-01	-1.212883E-02	-5.979002E-04	-1.070231E-03
215101	G	-5.562542E-02	4.676910E-01	5.277131E-01	-1.212445E-02	-6.014812E-04	-1.068001E-03
215102	G	8.356542E-02	4.676922E-01	1.753696E-01	-1.212445E-02	-6.013527E-04	-1.068276E-03
215201	G	4.357041E-02	4.357163E-01	3.501655E-01	-1.212167E-02	-6.016882E-04	-1.064561E-03
215202	G	-4.357041E-02	4.357178E-01	1.290084E-02	-1.212167E-02	-6.013643E-04	-1.064713E-03
222002	G	-6.075319E-03	7.871099E-01	7.030560E-01	-1.213749E-02	-5.142692E-04	-1.048697E-03
222003	G	7.921159E-02	7.871107E-01	2.582089E-01	-1.213749E-02	-5.1925934E-04	-1.048697E-03
222004	G	-5.742688E-03	7.921159E-01	5.709363E-01	-1.214073E-02	-6.103951E-04	-1.070738E-03
222005	G	5.043951E-02	5.631767E-01	1.333213E-01	-1.214073E-02	-5.928625E-04	-1.070512E-03
222101	G	7.812717E-03	5.031329E-01	3.831166E-01	-1.214284E-02	-6.056528E-04	-1.073689E-03
222302	G	3.684980E-02	5.331326E-01	5.524415E-02	-1.214284E-02	-5.975643E-04	-1.073568E-03
223401	G	-6.075319E-03	9.026595E-01	7.119936E-01	-1.213749E-02	-5.142692E-04	-1.048697E-03
223402	G	7.921159E-02	8.026573E-01	2.596347E-01	-1.213749E-02	-5.142692E-04	-1.048697E-03
520018	G	-2.825246E-02	2.753843E-01	3.763494E-01	-1.214219E-02	-6.020050E-04	-1.080027E-03
520024	G	-2.758284E-02	2.353840E-01	3.688214E-01	-1.214219E-02	-6.020050E-04	-1.080019E-03
520057	G	-2.405118E-02	2.353840E-01	3.791165E-01	-1.214219E-02	-6.020050E-04	-1.080022E-03
520065	G	-2.323036E-02	2.353840E-01	3.39884E-01	-1.214222E-02	-6.020050E-04	-1.080033E-03
520068	G	-2.283075E-02	2.353840E-01	3.153957E-01	-1.214222E-02	-6.020050E-04	-1.080023E-03
520079	G	-2.166433E-02	2.353840E-01	3.022422E-01	-1.214222E-02	-6.020050E-04	-1.080021E-03
520135	G	-1.564862E-02	2.353840E-01	2.346300E-01	-1.214220E-02	-6.020050E-04	-1.080021E-03
520139	G	-1.520581E-02	2.353840E-01	2.296717E-01	-1.214219E-02	-6.020050E-04	-1.080022E-03
520152	G	-1.37904E-02	2.353841E-01	2.137654E-01	-1.214219E-02	-6.020050E-04	-1.080025E-03
520185	G	-1.022907E-02	2.353841E-01	1.737206E-01	-1.214219E-02	-6.020050E-04	-1.080025E-03

AM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT  
 NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 0.0

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POINT NO.	TYPE	11	12	13	R1	R2	R3
3331	G	2.441797E-02	3.416652E-02	2.3246-1E-01	0.0	0.0	0.0
3339	G	2.930710E-02	3.416652E-02	2.271853E-01	0.0	0.0	0.0
3341	G	1.360278E-02	-6.736335E-03	2.940282E-01	0.0	0.0	0.0
3349	G	2.052450E-02	-6.736335E-03	2.136202E-01	0.0	0.0	0.0
4631	G	2.114527E-02	4.065034E-02	3.370345E-01	0.0	0.0	0.0
4633	G	2.722249E-02	6.095672E-02	3.235531E-01	0.0	0.0	0.0
4637	G	3.625254E-02	6.095672E-02	2.212131E-01	0.0	0.0	0.0
4639	G	3.257979E-02	4.065034E-02	2.077530E-01	0.0	0.0	0.0
4641	G	1.070645E-02	-1.091459E-03	3.419945E-01	0.0	0.0	0.0
4649	G	2.301829E-02	-1.090982E-03	2.027891E-01	0.0	0.0	0.0
4651	G	1.215711E-03	-4.621773E-02	3.271071E-01	0.0	0.0	0.0
4659	G	1.048842E-02	-4.621773E-02	2.176775E-01	0.0	0.0	0.0
6123	G	3.361555E-02	9.727666E-02	3.494203E-01	0.0	0.0	0.0
6127	G	4.359791E-02	9.727666E-02	2.366031E-01	0.0	0.0	0.0
6131	G	2.483286E-02	6.856585E-02	3.759488E-01	0.0	0.0	0.0
6133	G	2.673886E-02	6.856585E-02	3.494317E-01	0.0	0.0	0.0
6137	G	3.671611E-02	6.856585E-02	2.366031E-01	0.0	0.0	0.0
6139	G	3.862117E-02	6.856585E-02	2.153539E-01	0.0	0.0	0.0
6141	G	1.344643E-02	2.253707E-02	3.750107E-01	0.0	0.0	0.0
6143	G	1.571131E-02	2.253707E-02	3.494317E-01	0.0	0.0	0.0
6147	G	2.569158E-02	2.252662E-02	2.106945E-01	0.0	0.0	0.0
6149	G	2.795195E-02	2.252662E-02	2.106945E-01	0.0	0.0	0.0
6151	G	5.295228E-03	-1.040629E-02	3.779461E-01	0.0	0.0	0.0
6153	G	7.819634E-03	-1.040629E-02	3.779461E-01	0.0	0.0	0.0
6157	G	1.740121E-02	-1.042292E-02	2.366031E-01	0.0	0.0	0.0
6159	G	2.531741E-02	-1.042292E-02	2.305545E-01	0.0	0.0	0.0
6171	G	-4.904895E-03	-6.718922E-02	3.355915E-01	0.0	0.0	0.0
6174	G	2.063347E-03	-6.718922E-02	2.297322E-01	0.0	0.0	0.0
7031	G	2.422480E-02	7.332540E-02	3.622713E-01	0.0	0.0	0.0
7033	G	2.673415E-02	7.332540E-02	3.622713E-01	0.0	0.0	0.0
7037	G	3.671574E-02	7.332540E-02	2.434953E-01	0.0	0.0	0.0
7039	G	3.423029E-02	7.332540E-02	2.434953E-01	0.0	0.0	0.0
7043	G	1.541375E-02	0.0	3.622318E-01	0.0	0.0	0.0
7047	G	2.539442E-02	0.0	3.622318E-01	0.0	0.0	0.0
7061	G	4.411414E-03	-7.740215E-03	3.950226E-01	0.0	0.0	0.0
7063	G	7.305585E-03	-7.740215E-03	3.622318E-01	0.0	0.0	0.0
7067	G	1.728792E-02	-7.827584E-03	2.494334E-01	0.0	0.0	0.0
7069	G	2.018035E-02	-7.827584E-03	2.166424E-01	0.0	0.0	0.0
7071	G	7.594121E-02	0.0	3.894114E-01	0.0	0.0	0.0
7079	G	5.994666E-02	0.0	2.088504E-01	0.0	0.0	0.0
7505	G	5.194775E-02	1.002725E-01	3.122531E-01	5.639840E-03	-1.351353E-03	4.988294E-04
8300	G	-7.044021E-04	-5.594096E-02	3.223932E-01	0.0	0.0	0.0
8531	G	2.329798E-02	8.054334E-02	0.0	0.0	0.0	0.0
8533	G	2.673915E-02	8.054334E-02	3.818454E-01	0.0	0.0	0.0
8537	G	3.671574E-02	8.054334E-02	2.690492E-01	0.0	0.0	0.0
8539	G	4.015730E-02	8.054334E-02	2.690492E-01	0.0	0.0	0.0
8543	G	1.495397E-02	0.0	3.818454E-01	0.0	0.0	0.0
8547	G	2.493468E-02	0.0	2.690492E-01	0.0	0.0	0.0
8561	G	3.065662E-03	-3.843370E-03	4.239224E-01	0.0	0.0	0.0
8563	G	6.519221E-03	-3.843370E-03	3.818454E-01	0.0	0.0	0.0
8567	G	1.650459E-02	-3.876124E-03	2.690492E-01	0.0	0.0	0.0
8569	G	1.997965E-02	-3.876124E-03	2.299022E-01	0.0	0.0	0.0
8571	G	7.592928E-02	0.0	4.145675E-01	0.0	0.0	0.0
8579	G	5.992610E-02	0.0	2.261425E-01	0.0	0.0	0.0
9303	G	5.945946E-02	2.421076E-01	3.923122E-01	0.0	0.0	0.0
9307	G	6.957352E-02	2.421076E-01	2.794477E-01	0.0	0.0	0.0



9313	3	3	1-215696E-01	1-924118E-01	0.0	0.0
9317	3	3	1-215696E-01	2-794441E-01	0.0	0.0
9331	3	3	4-43242E-07	4-367927E-01	0.0	0.0
9333	3	3	4-43242E-07	1-923335E-01	0.0	0.0
9337	3	3	4-43242E-07	2-795065E-01	0.0	0.0
9339	3	3	4-43242E-07	2-390339E-01	0.0	0.0
9341	3	3	4-43242E-07	4-283514E-01	0.0	0.0
9343	3	3	4-43242E-07	3-955540E-01	0.0	0.0
9347	3	3	4-43242E-07	2-827054E-01	0.0	0.0
9349	3	3	4-43242E-07	2-369894E-01	0.0	0.0
9361	3	3	4-43242E-07	4-421738E-01	0.0	0.0
9363	3	3	4-43242E-07	3-979062E-01	0.0	0.0
9367	3	3	4-43242E-07	2-851028E-01	0.0	0.0
9369	3	3	4-43242E-07	2-408973E-01	0.0	0.0
9371	3	3	4-43242E-07	4-431917E-01	0.0	0.0
9373	3	3	4-43242E-07	3-858918E-01	0.0	0.0
9377	3	3	4-43242E-07	2-795081E-01	0.0	0.0
9379	3	3	4-43242E-07	2-440872E-01	0.0	0.0
11300	3	3	4-43242E-07	4-202035E-01	0.0	0.0
11503	3	3	4-43242E-07	0.0	0.0	0.0
11507	3	3	4-43242E-07	0.0	0.0	0.0
11531	3	3	4-43242E-07	0.0	0.0	0.0
11533	3	3	4-43242E-07	0.0	0.0	0.0
11537	3	3	4-43242E-07	0.0	0.0	0.0
11543	3	3	4-43242E-07	0.0	0.0	0.0
11547	3	3	4-43242E-07	0.0	0.0	0.0
11561	3	3	4-43242E-07	0.0	0.0	0.0
11563	3	3	4-43242E-07	0.0	0.0	0.0
11567	3	3	4-43242E-07	0.0	0.0	0.0
11569	3	3	4-43242E-07	0.0	0.0	0.0
11571	3	3	4-43242E-07	0.0	0.0	0.0
11579	3	3	4-43242E-07	0.0	0.0	0.0
11700	3	3	4-43242E-07	0.0	0.0	0.0
13500	3	3	4-43242E-07	0.0	0.0	0.0
13801	3	3	4-43242E-07	0.0	0.0	0.0
13803	3	3	4-43242E-07	0.0	0.0	0.0
13807	3	3	4-43242E-07	0.0	0.0	0.0
13809	3	3	4-43242E-07	0.0	0.0	0.0
13821	3	3	4-43242E-07	0.0	0.0	0.0
13823	3	3	4-43242E-07	0.0	0.0	0.0
13827	3	3	4-43242E-07	0.0	0.0	0.0
13829	3	3	4-43242E-07	0.0	0.0	0.0
13831	3	3	4-43242E-07	0.0	0.0	0.0
13833	3	3	4-43242E-07	0.0	0.0	0.0
13837	3	3	4-43242E-07	0.0	0.0	0.0
13839	3	3	4-43242E-07	0.0	0.0	0.0
13841	3	3	4-43242E-07	0.0	0.0	0.0
13843	3	3	4-43242E-07	0.0	0.0	0.0
13847	3	3	4-43242E-07	0.0	0.0	0.0
13849	3	3	4-43242E-07	0.0	0.0	0.0
13871	3	3	4-43242E-07	0.0	0.0	0.0
13873	3	3	4-43242E-07	0.0	0.0	0.0
13879	3	3	4-43242E-07	0.0	0.0	0.0
14801	3	3	4-43242E-07	0.0	0.0	0.0
14803	3	3	4-43242E-07	0.0	0.0	0.0
14807	3	3	4-43242E-07	0.0	0.0	0.0
14809	3	3	4-43242E-07	0.0	0.0	0.0
14821	3	3	4-43242E-07	0.0	0.0	0.0
14823	3	3	4-43242E-07	0.0	0.0	0.0
14827	3	3	4-43242E-07	0.0	0.0	0.0
14829	3	3	4-43242E-07	0.0	0.0	0.0



14831	2.291105E-02	1.121644E-01	5.122436E-01	0.0	0.0	0.0
14832	2.662144E-02	1.121714E-01	4.674265E-01	0.0	0.0	0.0
14833	3.664242E-02	1.121731E-01	3.534564E-01	0.0	0.0	0.0
14839	4.068489E-02	1.121679E-01	3.095463E-01	0.0	0.0	0.0
14841	0.0	6.121939E-02	5.125530E-01	0.0	0.0	0.0
14843	1.444974E-02	5.122214E-02	4.674273E-01	0.0	0.0	0.0
14847	2.462661E-02	6.121903E-02	3.543913E-01	0.0	0.0	0.0
0.0	0.0	6.121957E-02	3.093025E-01	0.0	0.0	0.0
-9.344304E-04	0.0	6.121949E-02	5.125639E-01	0.0	0.0	0.0
3.022074E-03	1.131449E-02	1.131434E-02	4.674258E-01	0.0	0.0	0.0
1.313475E-02	1.132473E-02	1.132493E-02	3.543937E-01	0.0	0.0	0.0
1.705495E-02	1.131966E-02	1.131966E-02	3.093129E-01	0.0	0.0	0.0
-1.974834E-02	-6.436759E-02	-6.436759E-02	5.156727E-01	0.0	0.0	0.0
-1.595228E-02	-6.436807E-02	-6.436807E-02	4.725121E-01	0.0	0.0	0.0
-5.922511E-03	-6.433972E-02	-6.433972E-02	3.595180E-01	0.0	0.0	0.0
-2.101904E-03	-6.435513E-02	-6.435513E-02	3.166408E-01	0.0	0.0	0.0
4.626218E-02	2.202304E-01	2.202304E-01	5.142817E-01	0.0	0.0	0.0
5.959749E-02	2.110596E-01	2.110596E-01	4.192304E-01	0.0	0.0	0.0
6.660835E-02	2.223738E-01	2.223738E-01	4.777647E-01	0.0	0.0	0.0
5.237064E-02	2.223732E-01	2.223732E-01	3.656287E-01	0.0	0.0	0.0
6.2427259E-02	2.113593E-01	2.113593E-01	3.289416E-01	0.0	0.0	0.0
3.671837E-02	1.726996E-01	1.726996E-01	5.213146E-01	0.0	0.0	0.0
3.971956E-02	1.726933E-01	1.726933E-01	4.872144E-01	0.0	0.0	0.0
5.30689E-02	1.727230E-01	1.727230E-01	4.216124E-01	0.0	0.0	0.0
5.089297E-02	1.726891E-01	1.726891E-01	3.560111E-01	0.0	0.0	0.0
3.690364E-02	1.726941E-01	1.726941E-01	3.219382E-01	0.0	0.0	0.0
4.800684E-02	0.0	0.0	4.871131E-01	0.0	0.0	0.0
1.425663E-02	0.0	0.0	3.560892E-01	0.0	0.0	0.0
-1.974754E-02	-5.551594E-02	-5.551594E-02	5.314716E-01	0.0	0.0	0.0
-1.974754E-02	-5.491527E-02	-5.491527E-02	0.0	0.0	0.0	0.0
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-4.757591E-03	-5.351103E-02	-5.351103E-02	0.0	0.0	0.0	0.0
-2.126780E-03	-5.451046E-02	-5.451046E-02	3.322411E-01	0.0	0.0	0.0
2.226711E-02	5.264688E-02	5.264688E-02	4.396432E-01	0.0	0.0	0.0
4.700524E-02	5.260502E-01	5.260502E-01	5.500354E-01	0.0	0.0	0.0
5.283819E-02	2.373932E-01	2.373932E-01	5.144991E-01	0.0	0.0	0.0
6.234397E-02	4.373735E-01	4.373735E-01	4.373799E-01	0.0	0.0	0.0
6.236678E-02	2.266501E-01	2.266501E-01	3.739466E-01	0.0	0.0	0.0
3.671050E-02	1.472793E-01	1.472793E-01	5.601401E-01	0.0	0.0	0.0
4.055684E-02	1.473790E-01	1.473790E-01	5.183364E-01	0.0	0.0	0.0
4.50504E-02	1.473790E-01	1.473790E-01	4.819437E-01	0.0	0.0	0.0
5.232658E-02	1.871975E-01	1.871975E-01	4.555317E-01	0.0	0.0	0.0
3.390366E-02	1.873732E-01	1.873732E-01	3.683252E-01	0.0	0.0	0.0
2.297577E-02	1.506721E-01	1.506721E-01	5.618216E-01	0.0	0.0	0.0
0.0	1.50672	1.50672	0.0	0.0	0.0	0.0
0.0	1.506729E-01	1.506729E-01	4.619426E-01	0.0	0.0	0.0
0.0	1.506719E-01	1.506719E-01	4.055793E-01	0.0	0.0	0.0
0.0	1.506719E-01	1.506719E-01	4.055793E-01	0.0	0.0	0.0
4.044926E-02	1.308713E-01	1.308713E-01	3.621463E-01	0.0	0.0	0.0
4.920792E-02	7.330875E-02	7.330875E-02	5.626564E-01	0.0	0.0	0.0
9.303838E-03	7.330882E-02	7.330882E-02	5.313795E-01	0.0	0.0	0.0
1.168662E-02	7.330891E-02	7.330891E-02	5.317816E-01	0.0	0.0	0.0
1.027271E-02	7.330913E-02	7.330913E-02	4.946049E-01	0.0	0.0	0.0
1.797338E-02	7.3309194E-02	7.3309194E-02	4.619419E-01	0.0	0.0	0.0
2.091492E-02	7.330913E-02	7.330913E-02	4.793232E-01	0.0	0.0	0.0
2.293895E-02	7.330863E-02	7.330863E-02	3.725821E-01	0.0	0.0	0.0
2.598235E-02	7.330863E-02	7.330863E-02	3.725821E-01	0.0	0.0	0.0
2.694431E-02	7.330732E-02	7.330732E-02	3.613311E-01	0.0	0.0	0.0
5.974740E-03	6.737381E-02	6.737381E-02	5.626564E-01	0.0	0.0	0.0
6.982993E-03	6.737381E-02	6.737381E-02	5.315796E-01	0.0	0.0	0.0
2.200333E-03	6.7373760E-02	6.7373760E-02	3.725519E-01	0.0	0.0	0.0
2.400046E-02	6.737374E-02	6.737374E-02	3.613311E-01	0.0	0.0	0.0
-1.9106351E-04	3.436537E-02	3.436537E-02	5.626563E-01	0.0	0.0	0.0
6.163430E-04	3.436852E-02	3.436852E-02	5.313796E-01	0.0	0.0	0.0
1.363399E-02	3.436399E-02	3.436399E-02	3.725813E-01	0.0	0.0	0.0
1.756133E-02	3.436399E-02	3.436399E-02	3.725813E-01	0.0	0.0	0.0
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18661	G	-3.715987E-03	2.007919E-02	5.626590E-03	5.639742E-03	-1.344443E-03	5.044024E-04
18662	G	-2.716989E-03	2.007921E-02	5.513197E-01	5.639743E-03	-1.344472E-03	5.044538E-04
18663	G	-2.717476E-04	2.007988E-02	5.513197E-01	5.639743E-03	-1.344472E-03	5.044538E-04
18664	G	-2.342952E-03	2.007919E-02	5.646010E-01	0.0	0.0	5.029822E-04
18665	G	5.251426E-03	2.007919E-02	4.619817E-01	0.0	0.0	5.017568E-04
18666	G	9.154042E-03	2.007770E-02	4.293228E-01	0.0	0.0	5.009386E-04
18667	G	1.145127E-02	2.007770E-02	3.921796E-01	5.639784E-03	-1.355011E-03	5.005661E-04
18668	G	1.319071E-02	2.007772E-02	3.725811E-01	5.639749E-03	-1.356428E-03	5.005477E-04
18669	G	1.419177E-02	2.007775E-02	3.613014E-01	5.639389E-03	-1.357849E-03	5.005242E-04
18681	G	-1.975008E-02	-4.742845E-02	5.615101E-01	0.0	0.0	0.0
18683	G	-1.711428E-02	-4.742845E-02	5.317816E-01	5.639724E-03	-1.348705E-03	4.989826E-04
18685	G	-1.093917E-02	-4.742906E-02	4.619814E-01	0.0	0.0	0.0
18687	G	-6.766496E-03	-4.743054E-02	3.921793E-01	5.639784E-03	-1.354747E-03	4.989824E-04
18689	G	-2.149852E-03	-4.743068E-02	3.624281E-01	0.0	0.0	0.0
18693	G	-1.711599E-02	-4.589256E-02	5.367666E-01	0.0	0.0	0.0
18698	G	-4.766839E-03	-4.559117E-02	3.971749E-01	0.0	-1.351911E-03	4.979915E-04
18741	G	1.011210E-02	8.295631E-02	5.763782E-01	5.640063E-03	-1.350923E-03	5.035619E-04
18742	G	1.482440E-02	8.656246E-02	5.332913E-01	5.639441E-03	-1.351224E-03	5.036460E-04
18743	G	1.591749E-02	8.656145E-02	5.210535E-01	0.0	-1.351609E-03	5.037989E-04
18745	G	1.990863E-02	8.656490E-02	4.763880E-01	0.0	0.0	5.039584E-04
18747	G	2.389850E-02	8.656490E-02	4.317227E-01	0.0	-1.354211E-03	5.034783E-04
18748	G	2.499080E-02	8.656490E-02	4.194051E-01	5.639336E-03	-1.354547E-03	5.032367E-04
18749	G	2.796812E-02	8.655846E-02	3.763986E-01	5.640078E-03	-1.354696E-03	5.031088E-04
18751	G	9.669515E-04	4.774471E-02	5.763782E-01	5.640514E-03	-1.350828E-03	5.034283E-04
18752	G	4.810750E-03	4.774471E-02	5.332913E-01	5.639292E-03	-1.351640E-03	5.029587E-04
18758	G	1.495466E-02	4.774471E-02	4.194051E-01	5.639147E-03	-1.354145E-03	5.027028E-04
18759	G	1.879640E-02	4.774471E-02	3.763986E-01	5.640686E-03	-1.354700E-03	5.031340E-04
18761	G	-2.369545E-03	3.084438E-02	5.763782E-01	5.639531E-03	-1.350800E-03	5.028327E-04
18762	G	1.471986E-03	3.084438E-02	5.332914E-01	5.639654E-03	-1.351757E-03	5.027924E-04
18763	G	2.562818E-03	3.084438E-02	5.210535E-01	0.0	-1.351732E-03	5.025896E-04
18765	G	6.541479E-03	3.084438E-02	4.763880E-01	0.0	0.0	5.022231E-04
18767	G	1.019611E-02	3.084438E-02	4.317228E-01	0.0	-1.354087E-03	5.024548E-04
18768	G	1.164011E-02	3.084438E-02	4.194051E-01	5.639598E-03	-1.354036E-03	5.026213E-04
18769	G	1.545030E-02	3.084438E-02	3.763986E-01	5.639471E-03	-1.354689E-03	5.026550E-04
21183	G	-1.711583E-02	-3.478181E-02	5.662501E-01	0.0	-1.349978E-03	4.949721E-04
21187	G	-4.767697E-03	-3.478221E-02	4.266121E-01	0.0	0.0	0.0
21321	G	3.649399E-02	2.010337E-01	5.545577E-01	0.0	0.0	0.0
21323	G	4.032253E-02	2.010336E-01	5.558499E-01	0.0	0.0	0.0
21325	G	4.53081E-02	2.010334E-01	4.996320E-01	0.0	0.0	0.0
21327	G	5.027649E-02	2.010339E-01	4.430154E-01	0.0	0.0	0.0
21329	G	5.370201E-02	2.010341E-01	4.043143E-01	0.0	0.0	0.0
21341	G	1.103611E-02	9.488499E-02	5.984683E-01	5.641416E-03	-1.358244E-03	5.025805E-04
21343	G	1.384191E-02	9.488499E-02	5.671303E-01	0.0	-1.357902E-03	5.01375E-04
21345	G	1.982971E-02	9.488499E-02	4.996311E-01	0.0	-1.351743E-03	4.983330E-04
21347	G	2.584378E-02	9.488499E-02	4.317314E-01	0.0	-1.345584E-03	5.057559E-04
21349	G	2.867543E-02	9.488499E-02	4.001924E-01	5.641356E-03	-1.345242E-03	5.074507E-04
21361	G	-2.863982E-03	3.722234E-02	5.994565E-01	0.0	0.0	0.0
21363	G	-1.768317E-04	3.722234E-02	5.692451E-01	5.640805E-03	-1.347434E-03	0.0
21364	G	3.255727E-03	3.722234E-02	5.307429E-01	0.0	0.0	0.0
21366	G	8.19755E-03	3.722234E-02	4.681190E-01	5.640790E-03	-1.354161E-03	0.0
21367	G	1.225342E-02	3.722234E-02	4.296164E-01	0.0	0.0	0.0
21369	G	1.494173E-02	3.722190E-02	3.994044E-01	0.0	0.0	0.0
21383	G	-1.711573E-02	-3.368307E-02	5.692447E-01	5.641021E-03	-1.347824E-03	4.949004E-04
21387	G	-4.767653E-03	-3.368327E-02	4.296164E-01	5.641047E-03	-1.349984E-03	4.949972E-04
21405	G	0.0	-3.340756E-02	5.001875E-01	5.641586E-03	0.0	0.0
21801	G	4.777147E-02	2.28777E-01	2.851157E-01	0.0	0.0	0.0
21803	G	5.314986E-02	2.561617E-01	2.548744E-01	0.0	0.0	0.0
21807	G	6.171701E-02	2.561617E-01	4.576004E-01	0.0	0.0	0.0
21809	G	6.168274E-02	2.428769E-01	4.273605E-01	0.0	0.0	0.0
21821	G	3.696223E-02	2.035470E-01	6.005777E-01	0.0	0.0	0.0
21823	G	4.031787E-02	2.035462E-01	5.626592E-01	0.0	0.0	0.0
21825	G	4.520035E-02	2.035455E-01	5.062375E-01	0.0	0.0	0.0
21827	G	5.028108E-02	2.035462E-01	4.498165E-01	0.0	0.0	0.0
21829	G	5.363484E-02	2.035469E-01	4.118969E-01	0.0	0.0	0.0
22312	G	4.529859E-02	2.337492E-01	5.882583E-01	0.0	0.0	0.0
22318	G	5.874532E-02	2.337491E-01	4.359041E-01	0.0	0.0	0.0

[illegible]

61912	G	-4.411791E-03	2.007989E-02	5.702156E-01	5.639412E-03	-1.348419E-03	5.042481E-04
61913	G	-2.676170E-03	2.231742E-02	5.702156E-01	5.639412E-03	-1.348419E-03	5.042481E-04
61914	G	-1.067713E-03	3.406343E-02	5.702156E-01	5.639412E-03	-1.348419E-03	5.042481E-04
61916	G	6.666240E-03	6.073112E-02	5.702156E-01	5.639412E-03	-1.348419E-03	5.042481E-04
61917	G	8.757150E-03	6.382171E-02	5.702156E-01	5.639412E-03	-1.348419E-03	5.042481E-04
61918	G	6.666240E-03	7.108719E-02	5.702156E-01	5.639412E-03	-1.348419E-03	5.042481E-04
61922	G	-4.575750E-04	3.980957E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
61923	G	2.318009E-04	4.477333E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
61926	G	1.326860E-03	9.342636E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
61927	G	4.457802E-03	7.912099E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
61928	G	9.371701E-03	8.295679E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
61934	G	1.075575E-02	8.871043E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
61935	G	9.162325E-03	9.127623E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
61936	G	1.023163E-02	9.488496E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
62211	G	1.118242E-02	9.883147E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
62213	G	6.536494E-03	1.766616E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
62215	G	-4.180379E-03	2.767925E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
62219	G	5.176518E-03	4.767150E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
62221	G	7.058281E-03	3.455367E-02	5.866136E-01	5.640864E-03	-1.351678E-03	5.041151E-04
62224	G	-1.760825E-04	3.944470E-02	6.022692E-01	5.639557E-03	-1.340649E-03	4.987680E-04
62226	G	6.967023E-03	4.961215E-02	6.022692E-01	5.639557E-03	-1.340649E-03	4.987680E-04
62229	G	9.632710E-03	7.939005E-02	6.022701E-01	5.641509E-03	-1.350745E-03	4.970729E-04
62231	G	6.592486E-03	9.050167E-02	6.022702E-01	5.640417E-03	-1.346355E-03	4.968345E-04
62239	G	9.664547E-03	9.803132E-02	6.246013E-01	5.639039E-03	-1.344134E-03	4.994175E-04
62819	G	-9.429432E-03	1.852382E-02	6.246013E-01	5.639039E-03	-1.344134E-03	4.994175E-04
62821	G	3.182234E-03	7.109261E-02	6.226061E-01	5.636375E-03	-1.355848E-03	5.049080E-04
62829	G	-6.587785E-03	3.566458E-02	6.226061E-01	5.636375E-03	-1.355848E-03	5.049080E-04
62831	G	5.806841E-03	8.712775E-02	6.364475E-01	0.0	0.0	0.0
62839	G	2.938144E-03	8.287269E-02	6.364475E-01	0.0	0.0	0.0
63411	G	5.915049E-03	9.527946E-02	6.573662E-01	0.0	0.0	0.0
63419	G	-1.241701E-02	1.920654E-02	6.573662E-01	0.0	0.0	0.0
63421	G	-8.350809E-04	6.748772E-02	6.583014E-01	0.0	0.0	0.0
63429	G	-9.575751E-03	3.400236E-02	6.717499E-01	0.0	0.0	0.0
63431	G	1.857269E-03	8.366150E-02	6.717499E-01	0.0	0.0	0.0
63439	G	-8.353232E-04	7.960093E-02	6.912058E-01	0.0	0.0	0.0
64211	G	-2.046592E-03	9.161395E-02	6.912058E-01	0.0	0.0	0.0
64219	G	-1.665027E-02	2.016804E-02	7.088549E-01	0.0	0.0	0.0
64221	G	-6.516751E-03	6.241347E-02	7.088549E-01	0.0	0.0	0.0
64229	G	-1.380917E-02	3.675931E-02	7.217481E-01	0.0	0.0	0.0
64231	G	-3.729766E-03	7.877627E-02	7.217481E-01	0.0	0.0	0.0
64239	G	-6.178640E-03	7.497347E-02	7.391466E-01	0.0	0.0	0.0
65011	G	-3.432190E-03	8.642313E-02	7.391466E-01	0.0	0.0	0.0
65019	G	-2.073934E-02	2.109954E-02	7.579166E-01	0.0	0.0	0.0
65021	G	-1.791831E-02	5.747894E-02	7.579166E-01	0.0	0.0	0.0
65029	G	-9.165023E-03	3.749448E-02	7.702820E-01	0.0	0.0	0.0
65031	G	-1.137025E-02	7.398846E-02	7.702821E-01	0.0	0.0	0.0
65039	G	-8.745641E-03	7.046348E-02	7.856780E-01	0.0	0.0	0.0
65911	G	-2.486857E-02	8.140540E-02	7.856780E-01	0.0	0.0	0.0
65919	G	-1.754947E-02	2.203595E-02	8.069918E-01	0.0	0.0	0.0
65921	G	-2.202756E-02	5.254944E-02	8.069918E-01	0.0	0.0	0.0
65929	G	-1.458668E-02	6.925470E-02	8.188159E-01	0.0	0.0	0.0
65931	G	-1.656190E-02	6.595135E-02	8.188159E-01	0.0	0.0	0.0
65939	G	-1.405906E-02	7.638626E-02	8.322096E-01	0.0	0.0	0.0
71912	G	1.486247E-02	2.007820E-02	3.537445E-01	5.639486E-03	-1.359000E-03	5.005170E-04
71913	G	1.661150E-02	2.733422E-02	3.537445E-01	5.639486E-03	-1.359000E-03	5.005170E-04
71914	G	1.823279E-02	3.406412E-02	3.537445E-01	5.639486E-03	-1.359000E-03	5.005170E-04
71916	G	2.466871E-02	6.073478E-02	3.537445E-01	5.639486E-03	-1.359000E-03	5.005170E-04
71918	G	2.603342E-02	6.438199E-02	3.537445E-01	5.639486E-03	-1.359000E-03	5.005170E-04
71922	G	2.764548E-02	7.308745E-02	3.537445E-01	5.639486E-03	-1.359000E-03	5.005170E-04
71924	G	1.833974E-02	3.800900E-02	3.681629E-01	5.641039E-03	-1.353799E-03	4.997329E-04
71926	G	1.953111E-02	4.477402E-02	3.681629E-01	5.641039E-03	-1.353799E-03	4.997329E-04
71928	G	2.062768E-02	4.934227E-02	3.681629E-01	5.641039E-03	-1.353799E-03	4.997329E-04
71929	G	2.778195E-02	7.912034E-02	3.681629E-01	5.641039E-03	-1.353799E-03	4.997329E-04
71927	G	2.870251E-02	8.295614E-02	3.681629E-01	5.641039E-03	-1.353799E-03	4.997329E-04

71928	3.008336E-02	8.470983E-02	3.681635E-01	5.640872E-03	-1.353771E-03	4.956783E-04
71934	2.662689E-02	9.127742E-02	3.911712E-01	5.636677E-03	-1.345204E-03	5.019519E-04
71935	2.948783E-02	9.488493E-02	3.911712E-01	5.636677E-03	-1.345204E-03	5.078961E-04
71936	3.029476E-02	9.883058E-02	3.911712E-01	5.636677E-03	-1.345204E-03	5.094190E-04
72211	1.577220E-02	1.786719E-02	3.377509E-01	5.640026E-03	0.0	0.0
72213	1.812510E-02	2.767955E-02	3.377511E-01	5.640026E-03	-1.361242E-03	5.034613E-04
72217	2.743275E-02	6.671268E-02	3.377509E-01	5.642276E-03	-1.366755E-03	4.893010E-04
72219	2.937099E-02	7.455081E-02	3.377511E-01	5.639240E-03	0.0	0.0
72221	1.861440E-02	3.494780E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72224	2.211030E-02	4.961277E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72226	2.427149E-02	7.938915E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72228	3.193507E-02	9.050041E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72229	2.888700E-02	8.603293E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72231	3.145562E-02	9.683118E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72281	1.866978E-02	1.952539E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72819	3.127059E-02	7.104980E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72821	2.150907E-02	3.546597E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72829	3.38941E-02	8.712649E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72831	5.102809E-02	8.287442E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
72839	3.400262E-02	9.527953E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
73411	2.165800E-02	1.920802E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
73419	3.333303E-02	6.748569E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
73421	2.449773E-02	3.600395E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
73429	5.592413E-02	8.366048E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
73431	3.323329E-02	7.960254E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
73439	3.611357E-02	9.161646E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
74211	2.894248E-02	2.016961E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
74219	3.602120E-02	6.241225E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
74221	2.873233E-02	3.676121E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
74229	5.880703E-02	7.877809E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
74231	1.635919E-02	7.497740E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
74239	3.910454E-02	8.544262E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75011	3.00271E-02	2.113128E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75019	3.872520E-02	5.747839E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75021	3.284262E-02	1.749861E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75029	4.159216E-02	7.398838E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75031	3.938790E-02	7.046551E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75039	5.201140E-02	8.140677E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75911	3.411304E-02	2.203794E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75919	4.142916E-02	5.254951E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75921	1.695298E-02	3.523601E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75929	4.439081E-02	6.925517E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75931	4.241643E-02	6.595361E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
75939	4.411823E-02	7.638729E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
122400	2.690966E-02	9.036446E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
123467	1.376981E-02	5.271206E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
123487	2.232033E-02	6.236882E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
124800	2.640966E-02	8.608824E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
125063	7.912579E-04	6.051337E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
125065	1.264828E-03	6.051337E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
125067	1.380837E-02	6.051337E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
125383	2.522467E-02	5.083151E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
125387	2.102679E-02	5.083151E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
126863	4.945159E-03	7.234949E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
126867	1.294262E-02	7.234949E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
127200	2.640966E-02	8.165091E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
189073	4.710130E-02	4.566670E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
189077	4.78175E-03	2.102875E-03	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
200070	2.043527E-04	4.059925E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
200078	1.046154E-02	4.059925E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
200079	1.294262E-02	4.059925E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
200086	2.267479E-02	8.94784E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
200087	2.267479E-02	8.94784E-02	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
200095	3.451272E-02	1.189211E-01	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
200096	1.451272E-02	1.189211E-01	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04
200101	4.718727E-02	1.709335E-01	3.377511E-01	5.639240E-03	-1.344790E-03	4.889139E-04

200106	-4,918840E-02	-2,0097116E-01	6,805402E-01	5,660946E-03	-1,352338E-03	4,977584E-04
200106	-6,02100E-02	-2,460992E-01	6,805602E-01	5,640961E-03	-1,352338E-03	4,977584E-04
200121	-6,967342E-02	-2,85586E-01	6,805802E-01	5,60965E-03	-1,352338E-03	4,977584E-04
200129	-4,012020E-02	-3,107113E-01	6,805802E-01	5,60965E-03	-1,352338E-03	4,977584E-04
200137	-4,131074E-02	-3,158814E-01	6,805802E-01	5,60965E-03	-1,352338E-03	4,977584E-04
200145	-1,021194E-01	-4,209691E-01	6,805802E-01	5,60958E-03	-1,352338E-03	4,977584E-04
200153	-1,1262336E-01	-4,647630E-01	6,805802E-01	5,60958E-03	-1,352338E-03	4,977584E-04
200155	-1,158120E-01	-4,772099E-01	6,805802E-01	5,60958E-03	-1,352338E-03	4,977584E-04
200155	-1,030250E-01	-3,1111286E-01	6,803780E-01	5,636774E-03	-1,350611E-03	4,957516E-04
200155	-6,423873E-02	-3,111220E-01	5,844088E-01	5,636774E-03	-1,350611E-03	4,957516E-04
200155	-1,7131190E-02	-3,176552E-02	5,662465E-01	5,60961E-03	-1,352338E-03	4,977584E-04
200155	-6,187175E-02	-3,476526E-01	5,266246E-01	5,60961E-03	-1,352338E-03	4,977584E-04
200155	-1,0941554E-02	-3,338175E-02	5,001890E-01	5,60961E-03	-1,352338E-03	4,977584E-04
200155	-1,038050E-01	-3,306357E-01	6,80526E-01	5,636759E-03	-1,350611E-03	4,957516E-04
2014902	6,423873E-02	3,106748E-01	3,788198E-01	5,636774E-03	-1,350611E-03	4,957516E-04
7,311913E-02	2,266658E-01	2,520249E-01	5,635031E-03	5,635031E-03	-1,352290E-03	4,955211E-04
4,651745E-02	2,266658E-01	5,708286E-01	5,35023E-03	5,35023E-03	-1,352290E-03	4,955211E-04
5,959729E-02	2,025095E-01	3,401958E-01	5,33669E-03	5,33669E-03	-1,352687E-03	4,942594E-04
4,6626218E-02	2,025095E-01	2,823049E-01	5,33669E-03	5,33669E-03	-1,352687E-03	4,942594E-04
1,038050E-01	3,657166E-01	2,826611E-01	5,640399E-03	5,640399E-03	-1,348008E-03	4,953346E-04
7,320064E-02	3,657171E-01	3,737999E-01	5,640402E-03	5,640402E-03	-1,357849E-03	4,952275E-04
2,022001	2,616315E-01	3,676143E-01	5,64171E-03	5,64171E-03	-1,349621E-03	4,9662452E-04
2,22202	2,616315E-01	6,7380704E-01	5,641721E-03	5,641721E-03	-1,356421E-03	4,9762309E-04
5,875532E-02	2,337491E-01	6,359041E-01	5,64252E-03	5,64252E-03	-1,351461E-03	4,9767343E-04
2,22302	2,337492E-01	5,682583E-01	5,642326E-03	5,642326E-03	-1,354600E-03	4,975614E-04
4,508059E-02	2,337492E-01	3,020746E-01	5,640399E-03	5,640399E-03	-1,348008E-03	4,953346E-04
1,038050E-01	3,729237E-01	7,355566E-01	5,640402E-03	5,640402E-03	-1,357849E-03	4,952275E-04
6,423873E-02	3,729237E-01	9,244506E-01	5,642213E-03	5,642213E-03	-1,352526E-03	4,9502907E-04
6,722301E-02	1,098875E-01	9,279460E-01	5,642209E-03	5,642209E-03	-1,352526E-03	4,9502907E-04
6,982904E-02	1,098875E-01	9,463988E-01	5,642213E-03	5,642213E-03	-1,352526E-03	4,9503007E-04
6,923926E-02	1,098875E-01	9,508695E-01	5,642213E-03	5,642213E-03	-1,352526E-03	4,9503007E-04
6,924333E-02	1,098875E-01	9,527745E-01	5,642213E-03	5,642213E-03	-1,352526E-03	4,9503014E-04
6,996471E-02	1,098875E-01	9,586861E-01	5,642209E-03	5,642209E-03	-1,352526E-03	4,9503014E-04
7,273134E-02	1,098875E-01	9,902952E-01	5,642526E-03	5,642526E-03	-1,352526E-03	4





9313	G	9.31452E-02	-4.522204E-03	1.507341E-01	9.0	0.0	0.0
9317	G	9.041864E-02	-4.508235E-03	1.648646E-01	0.0	0.0	0.0
9331	G	1.184794E-01	-4.722935E-04	1.599376E-01	0.0	0.0	0.0
9333	G	1.189820E-01	-4.736653E-04	1.606172E-01	0.0	0.0	0.0
9337	G	1.191029E-01	-4.7410579E-04	1.648371E-01	0.0	0.0	0.0
9339	G	1.192034E-01	-4.7401794E-04	1.665464E-01	0.0	0.0	0.0
9341	G	0.0	1.514001E-03	1.842399E-01	0.0	0.0	0.0
9343	G	1.343670E-01	1.513246E-03	1.567349E-01	0.0	0.0	0.0
9347	G	1.344584E-01	1.555104E-03	1.606635E-01	0.0	0.0	0.0
9349	G	0.0	1.566596E-03	1.915943E-01	0.0	0.0	0.0
9361	G	1.453086E-01	2.890528E-03	1.518146E-01	0.0	0.0	0.0
9363	G	1.453638E-01	2.890478E-03	1.535459E-01	0.0	0.0	0.0
9367	G	1.454294E-01	2.932480E-03	1.577332E-01	0.0	0.0	0.0
9369	G	1.454294E-01	2.934422E-03	1.593316E-01	0.0	0.0	0.0
9371	G	1.454954E-01	4.180986E-03	1.492051E-01	0.0	0.0	0.0
9373	G	0.0	4.163273E-03	1.859375E-01	0.0	0.0	0.0
9377	G	0.0	4.112117E-03	1.899679E-01	0.0	0.0	0.0
9379	G	1.550277E-01	4.297473E-03	1.564649E-01	0.0	0.0	0.0
11300	G	1.070429E-01	-2.337344E-03	1.262215E-01	0.0	0.0	0.0
11303	G	8.998919E-02	-4.208685E-03	0.0	0.0	0.0	0.0
11507	G	9.027487E-02	-4.208685E-03	0.0	0.0	0.0	0.0
11531	G	1.191874E-01	-3.415465E-04	0.0	0.0	0.0	0.0
11533	G	1.191921E-01	-3.352500E-04	1.218063E-01	0.0	0.0	0.0
11537	G	1.193001E-01	-2.945473E-04	1.258839E-01	0.0	0.0	0.0
11539	G	1.194425E-01	-2.899133E-04	0.0	0.0	0.0	0.0
11543	G	1.343631E-01	1.632542E-03	1.218098E-01	0.0	0.0	0.0
11547	G	1.344786E-01	1.632542E-03	1.258905E-01	0.0	0.0	0.0
11561	G	1.461821E-01	3.186205E-03	1.199094E-01	0.0	0.0	0.0
11563	G	1.464249E-01	3.186073E-03	1.218098E-01	0.0	0.0	0.0
11567	G	1.465114E-01	3.273162E-03	1.258928E-01	0.0	0.0	0.0
11569	G	1.463000E-01	3.272872E-03	1.278210E-01	0.0	0.0	0.0
11571	G	1.800810E-01	0.0	1.991921E-02	0.0	0.0	0.0
11579	G	1.815510E-01	0.0	9.787083E-02	0.0	0.0	0.0
11700	G	1.056460E-01	-2.324427E-03	1.259514E-01	0.0	0.0	0.0
13500	G	1.706705E-01	6.408315E-03	9.041142E-02	0.0	0.0	0.0
13501	G	9.127551E-02	-3.63363E-03	8.161037E-02	0.0	0.0	0.0
13803	G	8.979589E-02	-3.846614E-03	8.274776E-02	0.0	0.0	0.0
13807	G	9.012026E-02	-3.837797E-03	8.668315E-02	0.0	0.0	0.0
13809	G	9.180880E-02	-3.636355E-03	8.779067E-02	0.0	0.0	0.0
13821	G	1.039620E-01	-2.095208E-03	8.125132E-02	0.0	0.0	0.0
13823	G	1.039674E-01	-2.085603E-03	8.275475E-02	0.0	0.0	0.0
13827	G	1.042665E-01	-2.063119E-03	8.668667E-02	0.0	0.0	0.0
13829	G	1.044880E-01	-2.057778E-03	8.813745E-02	0.0	0.0	0.0
13831	G	1.143855E-01	-1.215928E-04	8.122549E-02	0.0	0.0	0.0
13833	G	1.196369E-01	-1.148896E-04	8.282545E-02	0.0	0.0	0.0
13837	G	1.197727E-01	-9.917007E-05	8.676493E-02	0.0	0.0	0.0
13839	G	1.197299E-01	-1.035784E-04	8.809904E-02	0.0	0.0	0.0
13841	G	0.0	1.732006E-03	8.122933E-02	0.0	0.0	0.0
13843	G	1.343333E-01	1.730105E-03	8.287740E-02	0.0	0.0	0.0
13847	G	1.344044E-01	1.737094E-03	8.681500E-02	0.0	0.0	0.0
13849	G	0.0	1.223359E-03	9.238935E-02	0.0	0.0	0.0
13861	G	1.474572E-01	3.430153E-03	3.984794E-02	0.0	0.0	0.0
13863	G	1.474555E-01	3.431077E-03	8.123863E-02	0.0	0.0	0.0
13867	G	1.473114E-01	3.503038E-03	8.290017E-02	0.0	0.0	0.0
13869	G	1.471044E-01	3.500773E-03	9.743494E-02	0.0	0.0	0.0
13871	G	1.667950E-01	0.0	9.969318E-02	0.0	0.0	0.0
13873	G	1.910334E-01	0.0	8.110207E-02	0.0	0.0	0.0
13879	G	9.127551E-02	-3.529598E-03	6.049655E-02	0.0	0.0	0.0
14801	G	8.977228E-02	-3.732558E-03	6.594789E-02	0.0	0.0	0.0
14803	G	9.011459E-02	-3.718429E-03	6.712371E-02	0.0	0.0	0.0
14809	G	9.180880E-02	-3.517468E-03	7.113212E-02	0.0	0.0	0.0
14821	G	1.039526E-01	-1.913518E-03	7.225964E-02	0.0	0.0	0.0
14823	G	1.039892E-01	-1.921426E-03	6.56451E-02	0.0	0.0	0.0
14827	G	1.043044E-01	-1.948317E-03	6.712371E-02	0.0	0.0	0.0
14829	G	1.044984E-01	-1.958346E-03	7.113212E-02	0.0	0.0	0.0
14829	G	1.044984E-01	-1.958346E-03	7.261705E-02	0.0	0.0	0.0



[illegible]

18661	1.71518E-01	4.494190E-03	4.157652E-03	-1.867809E-04	1.543405E-03	-2.291819E-04
18662	1.51050E-01	4.279877E-03	4.488237E-03	-1.578257E-04	1.544114E-03	-2.321181E-04
18663	1.40758E-01	4.288424E-03	5.040962E-03	-1.684560E-04	1.544919E-03	-2.41105E-04
18664	1.49153E-01	4.287271E-03	6.285362E-03	0.0	0.0	-1.135872E-04
18665	1.488224E-01	4.271815E-03	7.350661E-03	0.0	0.0	-9.505082E-07
18666	1.471278E-01	4.279575E-03	8.416372E-03	0.0	0.0	1.052323E-04
18667	1.501271E-01	4.274753E-03	9.551022E-03	-1.939407E-04	1.550539E-03	1.965048E-04
18668	1.508205E-01	4.274309E-03	1.026332E-02	-2.056664E-04	1.526566E-03	2.018507E-04
18669	1.511467E-01	4.273823E-03	1.066338E-02	-1.849430E-04	1.532527E-03	1.938224E-04
18670	1.499555E-01	4.270127E-03	4.189725E-03	0.0	0.0	0.0
18671	1.689194E-01	6.310824E-03	4.957907E-03	-1.689560E-04	1.564072E-03	-8.214270E-07
18672	1.642032E-01	6.443571E-03	7.314622E-03	0.0	0.0	0.0
18673	1.687990E-01	6.569009E-03	9.455174E-03	-1.939407E-04	1.577789E-03	-8.214269E-07
18674	1.699237E-01	6.578259E-03	1.059116E-02	0.0	0.0	0.0
18675	1.685635E-01	6.318650E-03	1.074336E-02	0.0	1.527739E-03	3.83372E-05
18676	1.685363E-01	6.473716E-03	1.253128E-02	0.0	1.583340E-03	-4.88708E-05
18677	1.369796E-01	3.050021E-03	1.253128E-02	-1.944803E-04	1.400233E-03	-3.926715E-05
18678	1.358023E-01	3.077770E-03	1.412124E-02	-2.181626E-04	1.449614E-03	-1.084150E-05
18679	1.357425E-01	2.950576E-03	1.472191E-02	0.0	1.459030E-03	-2.436148E-05
18680	1.356341E-01	2.193719E-03	1.502948E-02	0.0	0.0	-3.548467E-06
18681	1.356780E-01	1.436775E-03	1.171623E-02	0.0	1.445685E-03	1.409423E-05
18682	1.357135E-01	1.409522E-03	1.029142E-02	-6.001003E-04	1.432653E-03	1.863003E-05
18683	1.367825E-01	1.578740E-03	5.008726E-03	-5.669233E-04	1.379531E-03	2.613841E-05
18684	1.464621E-01	3.918133E-03	1.257172E-02	2.053333E-04	1.395525E-03	1.776891E-05
18685	1.465439E-01	3.446004E-03	1.410301E-02	1.546968E-04	1.444748E-03	7.186820E-06
18686	1.463400E-01	3.755696E-03	1.102743E-02	-5.395703E-04	1.431635E-03	-2.58808E-05
18687	1.461243E-01	3.785561E-03	5.849492E-03	-5.691007E-04	1.377037E-03	-3.294721E-05
18688	1.499076E-01	3.062325E-03	1.257531E-02	1.814167E-04	1.394535E-03	2.675685E-05
18689	1.501083E-01	3.252647E-03	1.409731E-02	2.099744E-04	1.442622E-03	2.525984E-05
18690	1.501536E-01	3.363807E-03	1.458756E-02	0.0	1.455192E-03	1.655192E-05
18691	1.501675E-01	4.068919E-03	1.565340E-02	0.0	0.0	-1.249866E-05
18692	1.499642E-01	4.774101E-03	1.158150E-02	0.0	1.442837E-03	-3.828645E-05
18693	1.498739E-01	4.885290E-03	1.026440E-02	-5.884550E-04	1.430338E-03	-4.497984E-05
18694	1.493245E-01	5.075302E-03	5.852968E-03	-5.612529E-04	1.376441E-03	-4.608148E-05
21103	1.678327E-01	8.658528E-03	2.102298E-02	0.0	1.372747E-03	1.291207E-04
21107	1.677743E-01	3.731662E-03	1.676744E-02	0.0	1.357559E-03	-1.554812E-04
21321	1.047402E-01	1.619224E-03	2.959809E-02	0.0	0.0	0.0
21323	1.042797E-01	1.524118E-03	2.467453E-02	0.0	0.0	0.0
21325	1.040095E-01	1.322022E-03	2.402424E-02	0.0	0.0	0.0
21327	1.038769E-01	1.109617E-03	2.286998E-02	0.0	0.0	0.0
21329	1.035341E-01	1.010474E-03	2.294733E-02	0.0	0.0	0.0
21341	1.368444E-01	1.559544E-03	2.895147E-02	-5.637377E-04	1.194945E-03	-1.301908E-04
21343	1.360791E-01	1.784710E-03	2.589104E-02	0.0	1.200995E-03	-1.419380E-04
21345	1.342625E-01	1.984949E-03	2.485229E-02	0.0	1.309908E-03	-1.002850E-04
21347	1.345706E-01	2.725117E-03	2.199860E-02	0.0	1.418420E-03	1.409693E-04
21349	1.353734E-01	2.814410E-03	2.275051E-02	2.131114E-04	1.424870E-03	1.844771E-04
21361	1.508666E-01	4.026912E-03	2.889013E-02	0.0	0.0	0.0
21363	1.513311E-01	4.026137E-03	2.530919E-02	-7.433372E-05	1.315213E-03	0.0
21364	1.522182E-01	4.055128E-03	2.358462E-02	0.0	0.0	0.0
21366	1.519384E-01	3.959459E-03	2.164521E-02	0.0	0.0	0.0
21367	1.509916E-01	3.987420E-03	2.101840E-02	-2.692183E-04	1.340654E-03	0.0
21369	1.502289E-01	3.967088E-03	2.260541E-02	0.0	0.0	0.0
21383	1.678307E-01	8.934375E-03	2.413719E-02	-1.022749E-03	1.307410E-03	1.162619E-04
21387	1.677699E-01	3.397632E-03	1.987192E-02	6.792461E-04	1.323045E-03	-1.425195E-04
21485	0.0	6.160248E-03	8.092295E-03	-1.722281E-04	0.0	0.0
21801	9.314001E-02	2.934214E-03	3.774287E-02	0.0	0.0	0.0
21803	8.973676E-02	3.320940E-03	3.673185E-02	0.0	0.0	0.0
21807	8.943892E-02	3.231663E-03	3.338623E-02	0.0	0.0	0.0
21809	9.239346E-02	2.836634E-03	3.224431E-02	0.0	0.0	0.0
21821	1.044447E-01	1.737588E-03	3.792741E-02	0.0	0.0	0.0
21823	1.042964E-01	1.630539E-03	3.700040E-02	0.0	0.0	0.0
21825	1.039764E-01	1.509281E-03	3.505938E-02	0.0	0.0	0.0
21827	1.038013E-01	1.394661E-03	3.307549E-02	0.0	0.0	0.0
21829	1.035281E-01	1.313519E-03	3.146050E-02	0.0	0.0	0.0
22312	9.624899E-02	2.624863E-03	4.470040E-02	0.0	0.0	0.0
22318	9.555531E-02	2.668350E-03	3.938066E-02	0.0	0.0	0.0







203106	G	-1.065794E-01	1.117278E-03	9.034857E-03	2.402678E-04	-1.356499E-02	-5.341753E-06
203114	G	-2.259201E-01	-1.061253E-03	9.033614E-03	2.766259E-04	-1.618227E-02	-5.341753E-06
203121	G	-3.459794E-01	-5.091109E-03	9.033666E-03	3.024582E-04	-1.805635E-02	-5.341753E-06
203129	G	-6.974677E-01	-5.607903E-03	9.033762E-03	3.256188E-04	-1.973435E-02	-5.341753E-06
203137	G	-8.604292E-01	-8.289075E-03	9.033762E-03	3.420529E-04	-2.092475E-02	-5.341753E-06
203145	G	-8.309729E-01	-1.106293E-02	7.137625E-03	3.518062E-04	-2.163110E-02	-5.341753E-06
203153	G	-1.000030E 00	-1.180910E-02	9.033762E-03	3.549275E-04	-2.185716E-02	-5.341753E-06
203155	G	-1.046304E 00	-1.459349E-02	9.033762E-03	3.549275E-04	-2.185716E-02	-5.341753E-06
211001	G	6.165471E-02	-1.010111E-02	1.363806E-01	-2.631955E-03	1.516369E-03	2.512934E-05
211002	G	6.211924E-02	-5.506049E-03	1.182645E-01	-1.571848E-04	1.475714E-03	2.481598E-05
211073	G	1.601393E-01	6.157208E-03	1.092263E-01	1.691462E-04	8.353278E-03	-5.341753E-06
211077	G	1.600070E-01	6.157208E-03	1.048399E-01	1.691462E-04	8.353278E-03	-5.341753E-06
214075	G	1.600732E-01	6.162359E-03	1.30153E-01	1.691462E-04	8.353278E-03	-5.341753E-06
214901	G	6.165471E-02	-6.110257E-03	7.659012E-02	-2.631955E-04	1.516369E-03	2.512934E-05
214902	G	6.211924E-02	-6.486535E-03	6.007713E-02	-1.571848E-04	1.475714E-03	2.481598E-05
215101	G	8.942932E-02	-6.082873E-03	7.031554E-02	-2.607412E-04	1.493286E-03	2.751047E-05
215102	G	8.947382E-02	-3.705828E-03	5.851769E-02	-1.540237E-04	1.449404E-03	2.558944E-05
215201	G	9.546041E-02	-2.989114E-03	6.557423E-02	-2.305037E-04	1.473114E-03	2.608404E-05
215202	G	9.502530E-02	-3.012245E-03	6.015659E-02	-1.751593E-04	1.457769E-03	2.365460E-05
222001	G	6.164986E-02	-7.409878E-03	-2.997601E-02	-1.751593E-04	1.457769E-03	2.365460E-05
222002	G	6.212577E-02	-7.549498E-03	-4.596349E-02	-2.013423E-04	1.494210E-03	1.794260E-05
222201	G	8.839768E-02	-3.633346E-03	3.750185E-02	-1.937915E-04	1.473886E-03	1.685302E-05
222202	G	8.948243E-02	-3.633761E-03	3.750185E-02	-2.127219E-04	1.469434E-03	3.023887E-05
222301	G	9.555531E-02	-2.668350E-03	3.938066E-02	-1.926977E-04	1.441522E-03	1.176639E-05
222302	G	9.629899E-02	-2.626863E-03	4.470040E-02	-2.041627E-04	1.457782E-03	3.411810E-05
223401	G	6.164986E-02	-7.004678E-03	-5.134062E-02	-2.070352E-04	1.468358E-03	2.784887E-05
223402	G	6.212577E-02	-7.810563E-03	-6.777042E-02	-2.073423E-04	1.444210E-03	1.794260E-05
520018	G	3.142906E-01	1.026535E-02	7.110434E-01	-6.485735E-04	2.831123E-03	3.545401E-04
520024	G	3.145105E-01	1.026535E-02	7.114454E-01	-6.485691E-04	2.831123E-03	3.545401E-04
520037	G	3.156496E-01	1.026535E-02	7.135497E-01	-6.830825E-04	2.831123E-03	3.599283E-04
520065	G	3.159699E-01	1.026535E-02	7.141274E-01	-7.068054E-04	2.831123E-03	3.804474E-04
520068	G	3.161144E-01	1.026535E-02	7.143912E-01	-7.192695E-04	2.831123E-03	3.859720E-04
520079	G	3.165370E-01	1.026537E-02	7.151871E-01	-7.536184E-04	2.831123E-03	4.011905E-04
520135	G	3.190044E-01	1.026544E-02	7.199101E-01	-9.087203E-04	2.831123E-03	4.690874E-04
520139	G	3.191972E-01	1.026544E-02	7.202828E-01	-9.108346E-04	2.831123E-03	4.709275E-04
520152	G	3.198161E-01	1.026547E-02	7.214805E-01	-9.159893E-04	2.831123E-03	4.732397E-04
520185	G	3.213768E-01	1.026547E-02	7.245014E-01	-9.159893E-04	2.831123E-03	4.732397E-04

AM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 8055 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 6.359756E-02

POINT ID	TYPE	T1	T2	T3	R1	R2	R3
3331	1	-4.25754E-03	-2.13271E-01	1.025320E-01	0.0	0.0	0.0
3332	1	-1.12419E-03	-2.13271E-01	-6.955310E-02	0.0	0.0	0.0
3341	1	-5.95264E-03	-1.496450E-01	1.388109E-01	0.0	0.0	0.0
3342	1	-1.45213E-03	-1.496450E-01	-2.158909E-01	0.0	0.0	0.0
4631	1	-1.46359E-02	-1.376322E-01	1.740071E-01	0.0	0.0	0.0
4632	1	-1.134272E-02	-1.376322E-01	-1.433838E-01	0.0	0.0	0.0
4633	1	-1.754825E-02	-1.376322E-01	1.852230E-01	0.0	0.0	0.0
4634	1	-2.161967E-02	-1.376322E-01	-2.313143E-01	0.0	0.0	0.0
4641	1	-1.494973E-02	-1.304650E-01	2.313143E-01	0.0	0.0	0.0
4642	1	-2.352491E-02	-1.304650E-01	-2.313143E-01	0.0	0.0	0.0
4643	1	-9.49814E-03	-1.706234E-01	1.850529E-01	0.0	0.0	0.0
4644	1	-1.974318E-02	-1.706234E-01	-1.564858E-01	0.0	0.0	0.0
6123	1	-1.361528E-02	-2.432052E-02	1.878293E-01	0.0	0.0	0.0
6124	1	-1.871448E-02	-2.432052E-02	-1.609795E-01	0.0	0.0	0.0
6131	1	-1.892382E-02	-1.111746E-01	2.546335E-01	0.0	0.0	0.0
6132	1	-1.281257E-02	-1.111746E-01	-1.878071E-01	0.0	0.0	0.0
6133	1	-1.901946E-02	-1.111746E-01	1.878071E-01	0.0	0.0	0.0
6134	1	-2.513011E-02	-1.111746E-01	-1.609570E-01	0.0	0.0	0.0
6141	1	-1.892649E-02	-2.559945E-01	2.277870E-01	0.0	0.0	0.0
6142	1	-1.145812E-02	-2.559945E-01	-2.673041E-01	0.0	0.0	0.0
6143	1	-1.493313E-02	-2.562130E-01	1.877419E-01	0.0	0.0	0.0
6144	1	-2.689124E-02	-2.562130E-01	-1.628947E-01	0.0	0.0	0.0
6161	1	-1.889707E-02	-1.583849E-01	2.768791E-01	0.0	0.0	0.0
6162	1	-1.053842E-02	-1.583849E-01	-1.876579E-01	0.0	0.0	0.0
6167	1	-1.977505E-02	-1.543946E-01	1.608552E-01	0.0	0.0	0.0
6168	1	-2.812437E-02	-1.543946E-01	-2.496311E-01	0.0	0.0	0.0
6171	1	-9.034413E-03	-1.543946E-01	1.897409E-01	0.0	0.0	0.0
6172	1	-2.031636E-02	-1.543946E-01	-1.897409E-01	0.0	0.0	0.0
6173	1	-2.082239E-02	-9.746842E-02	0.0	0.0	0.0	0.0
7031	1	-1.278942E-02	-9.796933E-02	1.859452E-01	0.0	0.0	0.0
7032	1	-1.899711E-02	-9.796933E-02	-1.612356E-01	0.0	0.0	0.0
7033	1	-2.702870E-02	-9.796933E-02	0.0	0.0	0.0	0.0
7034	1	-1.142778E-02	0.0	1.560726E-01	0.0	0.0	0.0
7041	1	-1.940358E-02	0.0	-1.613466E-01	0.0	0.0	0.0
7042	1	-2.021274E-02	-1.490354E-01	2.893195E-01	0.0	0.0	0.0
7061	1	-1.049085E-02	-1.490354E-01	-1.861019E-01	0.0	0.0	0.0
7062	1	-1.981303E-02	-1.491274E-01	1.613838E-01	0.0	0.0	0.0
7063	1	-2.954184E-02	-1.491159E-01	-2.648119E-01	0.0	0.0	0.0
7064	1	-9.501763E-03	0.0	3.123487E-01	0.0	0.0	0.0
7071	1	-4.619505E-03	0.0	-2.930597E-01	0.0	0.0	0.0
7072	1	-1.313497E-03	1.049324E-01	1.181212E-02	1.736136E-02	1.194444E-02	1.569437E-03
7073	1	-5.928610E-03	-9.48922E-02	1.094365E-02	0.0	0.0	0.0
7074	1	-2.373871E-02	-7.446359E-02	0.0	0.0	0.0	0.0
7075	1	-1.278842E-02	-7.447078E-02	1.842569E-01	0.0	0.0	0.0
7076	1	-1.899971E-02	-7.447078E-02	-1.629662E-01	0.0	0.0	0.0
7077	1	-2.941538E-02	-7.447078E-02	0.0	0.0	0.0	0.0
7078	1	-1.138022E-02	0.0	1.841765E-01	0.0	0.0	0.0
7079	1	-1.943151E-02	0.0	-1.628615E-01	0.0	0.0	0.0
7081	1	-2.229400E-02	-1.343440E-01	3.053563E-01	0.0	0.0	0.0
7082	1	-1.028905E-02	-1.343440E-01	-1.841502E-01	0.0	0.0	0.0
7083	1	-1.975812E-02	-1.341657E-01	1.628266E-01	0.0	0.0	0.0
7084	1	-3.171505E-02	-1.341657E-01	-2.864877E-01	0.0	0.0	0.0
7085	1	-9.761605E-03	0.0	3.276557E-01	0.0	0.0	0.0
7086	1	-4.307846E-03	0.0	-3.08447E-01	0.0	0.0	0.0
7087	1	-1.277845E-02	3.549544E-01	1.822548E-01	0.0	0.0	0.0
7088	1	-1.456533E-02	3.549544E-01	-1.626837E-01	0.0	0.0	0.0



9313	1-274770E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9317	1-390270E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9331	1-267107E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9333	1-284650E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9337	1-906050E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9339	1-161331E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9343	1-134799E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9347	1-129977E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9349	1-58827E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9361	1-274640E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9363	1-001330E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9367	1-974785E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9369	1-324927E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9371	1-217507E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9373	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9377	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9379	1-210137E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11300	1-120191E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11503	1-120774E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11507	1-563955E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11531	1-493788E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11533	1-274648E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11537	1-897715E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11539	1-120260E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11543	1-131698E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11547	1-947320E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11561	1-341034E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11563	1-359162E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11567	1-940608E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11569	1-307601E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11571	1-852944E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11579	1-455744E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11700	1-234142E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13500	1-262857E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13501	1-207726E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13603	1-300545E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13607	1-591401E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13609	1-212675E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13621	1-225943E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13623	1-191476E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13627	1-646568E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13629	1-685610E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13631	1-456483E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13633	1-202744E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13637	1-838064E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13639	1-085013E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13641	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13643	1-111188E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13647	1-919614E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13648	1-918091E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13649	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13661	1-260224E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13663	1-644460E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13667	1-940903E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13669	1-270660E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13671	1-199022E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13679	1-772416E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14601	1-210272E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14603	1-321037E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14607	1-613594E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609	1-2412675E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14621	1-223012E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14623	1-172430E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14627	1-628133E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14679	1-682314E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





18661	-2.044135E-02	-2.4483270F-01	2.963204E-01	1.685854E-02	3.900433E-05	9.457549E-04
18662	-1.875709E-02	-2.482955E-01	2.627667E-01	1.875066E-02	1.391706E-05	8.597693E-04
18663	-1.263446E-02	-2.442669E-01	2.451924E-01	1.668696E-02	2.385410E-04	9.562250E-04
18664	-6.226181E-03	-2.481788E-01	9.589439E-02	0.0	0.0	1.281525E-03
18665	-1.190233E-03	-2.481514E-01	9.043553E-02	0.0	0.0	2.065987E-03
18666	-1.623128E-02	-2.481820E-01	9.524553E-02	0.0	0.0	1.723333E-03
18667	2.574458E-02	-2.482734E-01	-2.038288E-01	1.668532E-02	-4.552187E-05	9.165771E-04
18668	2.883694E-02	-2.483045E-01	-2.821527E-01	1.674988E-02	4.910381E-05	9.390436E-04
18669	3.047814E-02	-2.483359E-01	-2.957073E-01	1.686040E-02	1.439409E-04	6.235504E-04
18670	-1.938504E-02	-2.483673E-01	2.928896E-01	0.0	0.0	0.0
18671	-1.190813E-02	-2.483987E-01	2.044441E-01	1.668696E-02	4.417263E-04	1.465785E-03
18672	6.230947E-03	-2.484301E-01	2.040393E-04	0.0	0.0	0.0
18673	2.637208E-02	-2.484615E-01	3.040393E-04	1.668502E-02	-2.447762E-04	1.465785E-03
18674	3.195064E-02	-2.484929E-01	2.920510E-01	0.0	0.0	0.0
18675	-1.206172E-02	-2.485243E-01	1.977155E-01	0.0	0.0	0.0
18676	2.451124E-02	-2.485557E-01	1.978088E-01	1.672255E-02	-1.960546E-03	1.592524E-03
18677	-1.998634E-02	-2.485871E-01	2.944523E-01	1.674742E-02	6.014825E-06	1.589583E-03
18678	9.781066E-03	-2.486185E-01	1.672925E-01	1.664219E-02	8.076039E-05	1.330604E-03
18679	-6.840355E-03	-2.486499E-01	1.311784E-01	0.0	8.591742E-05	1.346923E-03
18680	4.082218E-03	-2.486813E-01	7.962535E-04	0.0	0.0	1.62557E-03
18681	1.500797E-02	-2.487127E-01	1.326882E-01	0.0	0.0	1.367520E-03
18682	1.795038E-02	-2.487441E-01	1.697240E-01	1.661858E-02	8.248661E-05	1.363314E-03
18683	2.827111E-02	-2.487755E-01	2.959082E-01	1.670015E-02	8.727245E-05	1.347900E-03
18684	-1.984604E-02	-2.488069E-01	2.944523E-01	1.674742E-02	1.599862E-04	1.331897E-03
18685	-9.191103E-03	-2.488383E-01	1.673064E-01	1.664075E-02	5.014653E-05	1.410742E-03
18686	1.860450E-02	-2.488697E-01	1.687359E-01	1.662089E-02	7.013042E-05	1.386555E-03
18687	2.925200E-02	-2.489011E-01	2.959130E-01	1.672475E-02	9.743212E-05	1.365818E-03
18688	-1.969613E-02	-2.489325E-01	2.944523E-01	1.664219E-02	1.441365E-04	1.409293E-03
18689	4.025884E-03	-2.489639E-01	1.673142E-01	1.667011E-02	6.584714E-05	1.397203E-03
18690	-6.918464E-03	-2.489953E-01	1.316414E-04	0.0	6.620028E-05	1.395628E-03
18691	1.583709E-02	-2.490267E-01	8.148414E-04	0.0	8.001528E-05	1.387770E-03
18692	1.365289E-02	-2.490581E-01	1.687445E-01	0.0	0.0	1.375000E-03
18693	2.950790E-02	-2.490895E-01	2.959072E-01	1.664713E-02	8.812830E-05	1.366230E-03
18694	-1.288977E-02	-2.491209E-01	1.978168E-01	1.662590E-02	1.012198E-04	1.393656E-03
18695	2.529370E-02	-2.491523E-01	2.008861E-01	0.0	9.820311E-05	1.395158E-03
18696	-1.109541E-02	-2.491837E-01	2.775088E-01	0.0	-1.285071E-03	1.557755E-03
18697	2.332216E-03	-2.492151E-01	1.633560E-01	0.0	1.475829E-03	1.549139E-03
18698	1.577679E-02	-2.492465E-01	1.765298E-01	0.0	0.0	0.0
18699	2.486719E-02	-2.492779E-01	1.649025E-01	0.0	0.0	0.0
18700	-1.988457E-02	-2.493093E-01	2.811272E-01	0.0	0.0	0.0
18701	1.237082E-02	-2.493407E-01	2.891927E-01	1.681149E-02	0.0	0.0
18702	3.807827E-03	-2.493721E-01	1.954762E-01	0.0	6.402194E-05	1.344374E-03
18703	2.021077E-02	-2.494035E-01	1.748522E-01	0.0	6.519871E-05	1.344085E-03
18704	2.795505E-02	-2.494349E-01	2.989737E-01	0.0	8.638359E-05	1.354555E-03
18705	-1.887872E-02	-2.494663E-01	2.928472E-01	0.0	1.075688E-04	1.383114E-03
18706	-1.136762E-02	-2.494977E-01	2.913471E-01	1.684121E-02	1.087452E-04	1.387807E-03
18707	-2.317323E-03	-2.495291E-01	2.009615E-01	0.0	0.0	0.0
18708	1.207111E-02	-2.495605E-01	8.952355E-02	1.618139E-02	-1.797378E-05	0.0
18709	2.120856E-02	-2.495919E-01	9.303164E-02	0.0	0.0	0.0
18710	2.869967E-02	-2.496233E-01	2.045381E-01	1.617638E-02	0.0	0.0
18711	-1.297278E-02	-2.496547E-01	2.950117E-01	0.0	0.0	0.0
18712	2.537588E-02	-2.496861E-01	2.000072E-01	1.620410E-02	2.228867E-04	0.0
18713	0.0	-2.497175E-01	2.033192E-01	1.625455E-02	0.0	0.0
18714	-1.676938E-02	-2.497489E-01	1.388331E-03	1.638127E-02	-3.471461E-04	1.531530E-03
18715	9.798750E-03	-2.497803E-01	2.294778E-01	0.0	0.0	0.0
18716	1.289955E-02	-2.498117E-01	1.408749E-01	0.0	0.0	0.0
18717	2.019913E-02	-2.498431E-01	1.452286E-01	0.0	0.0	0.0
18718	-1.997827E-02	-2.498745E-01	2.340118E-01	0.0	0.0	0.0
18719	1.102580E-02	-2.499059E-01	2.748757E-01	0.0	0.0	0.0
18720	2.335716E-03	-2.499373E-01	1.636687E-01	0.0	0.0	0.0
18721	1.569637E-02	-2.499687E-01	2.276131E-03	0.0	0.0	0.0
18722	2.461596E-02	-2.499999E-01	1.680070E-01	0.0	0.0	0.0
18723	-1.600023E-02	-2.500313E-01	2.796155E-01	0.0	0.0	0.0
18724	1.978492E-02	-2.500627E-01	2.213013E-01	0.0	0.0	0.0
18725	1.978492E-02	-2.500941E-01	2.266041E-01	0.0	0.0	0.0



61912	G	-2.159175E-02	-2.485270E-01	3.189602E-01	1.685552E-02	-4.194309E-05	9.64.1895E-04
61913	G	-2.153777E-02	-2.268339E-01	3.189602E-01	1.685552E-02	-4.194309E-05	1.258279E-03
61914	G	-2.146773E-02	-2.067253E-01	3.189602E-01	1.685552E-02	-4.194309E-05	9.472270E-04
61916	G	-2.166152E-02	-1.272745E-01	3.189942E-01	1.681310E-02	-4.961301E-03	1.106875E-03
61917	G	-2.161185E-02	-1.104644E-01	3.189942E-01	1.681310E-02	-4.961301E-03	1.359971E-03
61918	G	-2.155284E-02	-9.045589E-02	3.189942E-01	1.681310E-02	-4.961301E-03	1.083962E-03
61922	G	-2.166431E-02	-1.915271E-01	3.191611E-01	1.683611E-02	5.592496E-05	1.219255E-03
61923	G	-2.191352E-02	-1.767113E-01	3.191611E-01	1.683611E-02	5.592496E-05	1.418768E-03
61924	G	-2.195882E-02	-1.630740E-01	3.191611E-01	1.683611E-02	5.592496E-05	1.153102E-03
61926	G	-2.191559E-02	-7.613316E-02	3.191779E-01	1.688363E-02	4.707584E-06	1.286394E-03
61927	G	-2.191845E-02	-6.265370E-02	3.191779E-01	1.688363E-02	4.707584E-06	1.319750E-03
61928	G	-2.192274E-02	-4.563601E-02	3.191779E-01	1.688363E-02	4.707584E-06	1.326098E-03
61934	G	-2.199486E-02	-4.096024E-02	3.164433E-01	1.716576E-02	6.389196E-05	1.277452E-03
61935	G	-2.203575E-02	-2.997417E-02	3.164433E-01	1.716576E-02	6.389196E-05	1.344551E-03
61936	G	-2.208047E-02	-1.795815E-02	3.164433E-01	1.716576E-02	6.389196E-05	1.282064E-03
62211	G	-2.529778E-02	-2.559771E-01	3.699827E-01	0.0	0.0	0.0
62213	G	-2.534060E-02	-2.261495E-01	3.699796E-01	1.705456E-02	-7.237658E-05	1.248094E-03
62217	G	-2.544054E-02	-1.093915E-01	3.700820E-01	1.708522E-02	-1.295393E-04	1.336940E-03
62219	G	-2.570359E-02	-8.553499E-02	3.700820E-01	0.0	0.0	0.0
62221	G	-2.532427E-02	-2.048077E-01	3.697350E-01	1.719956E-02	3.059753E-04	1.261252E-03
62224	G	-2.546715E-02	-1.626263E-01	3.697350E-01	1.693505E-02	-1.360004E-04	1.165678E-03
62226	G	-2.575697E-02	-7.332689E-02	3.697350E-01	1.693505E-02	-1.360004E-04	1.290222E-03
62229	G	-2.587699E-02	-3.992167E-02	3.697701E-01	1.693505E-02	-1.360004E-04	1.290222E-03
62231	G	-2.577116E-02	-5.678134E-02	3.693541E-01	1.707889E-02	1.005280E-04	1.309383E-03
62239	G	-2.592584E-02	-1.798687E-02	3.683496E-01	1.707889E-02	6.069127E-05	1.277044E-03
62811	G	-3.266751E-02	-2.543111E-01	4.689085E-01	1.734095E-02	6.514532E-05	1.281254E-03
62819	G	-3.314592E-02	-9.424974E-02	4.688972E-01	0.0	0.0	0.0
62821	G	-3.273207E-02	-2.056201E-01	4.684789E-01	0.0	0.0	0.0
62829	G	-3.328088E-02	-5.014672E-02	4.684685E-01	0.0	0.0	0.0
62831	G	-3.315068E-02	-6.628764E-02	4.674286E-01	0.0	0.0	0.0
62839	G	-3.330922E-02	-2.876822E-02	4.674286E-01	0.0	0.0	0.0
63411	G	-4.035790E-02	-2.527988E-01	5.709043E-01	0.0	0.0	0.0
63419	G	-4.077574E-02	-1.072002E-01	5.709043E-01	0.0	0.0	0.0
63421	G	-4.042474E-02	-2.043916E-01	5.704286E-01	0.0	0.0	0.0
63429	G	-4.092176E-02	-6.067685E-02	5.704361E-01	0.0	0.0	0.0
63431	G	-4.080177E-02	-7.613385E-02	5.695464E-01	0.0	0.0	0.0
63439	G	-4.094489E-02	-3.983984E-02	5.695464E-01	0.0	0.0	0.0
64211	G	-5.110070E-02	-2.508378E-01	7.158969E-01	0.0	0.0	0.0
64214	G	-5.119350E-02	-1.227663E-01	7.158969E-01	0.0	0.0	0.0
64221	G	-5.119350E-02	-2.026693E-01	7.152894E-01	0.0	0.0	0.0
64229	G	-5.110892E-02	-7.558264E-02	7.152894E-01	1.705886E-02	6.246177E-05	4.948907E-03
64231	G	-5.158349E-02	-9.011883E-02	7.153718E-01	0.0	0.0	0.0
64239	G	-5.173997E-02	-5.568017E-02	7.153718E-01	0.0	0.0	0.0
65011	G	-6.137231E-02	-2.485047E-01	8.571534E-01	0.0	0.0	0.0
65019	G	-6.190082E-02	-1.380174E-01	8.571400E-01	0.0	0.0	0.0
65021	G	-6.152895E-02	-2.009826E-01	8.563175E-01	0.0	0.0	0.0
65029	G	-6.211892E-02	-9.029492E-02	8.563184E-01	0.0	0.0	0.0
65031	G	-6.197122E-02	-1.038088E-01	8.552527E-01	0.0	0.0	0.0
65039	G	-6.215919E-02	-7.043514E-02	8.552544E-01	0.0	0.0	0.0
65911	G	-7.152700E-02	-2.462654E-01	9.988084E-01	0.0	0.0	0.0
65919	G	-7.219183E-02	-1.536771E-01	9.988084E-01	0.0	0.0	0.0
65921	G	-7.178515E-02	-1.991983E-01	9.976247E-01	0.0	0.0	0.0
65929	G	-7.248157E-02	-1.049903E-01	9.976377E-01	1.712890E-02	1.418689E-04	5.547866E-03
65931	G	-7.229131E-02	-1.175121E-01	9.963949E-01	0.0	0.0	0.0
65939	G	-7.252300E-02	-8.584189E-02	9.963955E-01	0.0	0.0	0.0
71912	G	3.159841E-02	-2.485338E-01	3.183499E-01	1.685676E-02	2.208717E-04	8.422085E-04
71913	G	3.131415E-02	-2.268192E-01	3.183499E-01	1.685676E-02	2.208717E-04	1.247249E-03
71914	G	3.105046E-02	-2.047291E-01	3.183499E-01	1.685676E-02	2.208717E-04	9.223359E-04
71916	G	3.046748E-02	-1.272948E-01	3.18321E-01	1.681564E-02	2.123652E-04	1.103494E-03
71917	G	3.025490E-02	-1.104624E-01	3.18321E-01	1.681564E-02	2.123652E-04	1.354210E-03
71918	G	3.000240E-02	-9.046859E-02	3.18321E-01	1.681564E-02	2.123652E-04	1.082923E-03
71922	G	3.141125E-02	-1.914577E-01	3.203891E-01	1.681509E-02	1.069358E-04	1.217496E-03
71923	G	3.131715E-02	-1.767026E-01	3.203891E-01	1.681509E-02	1.069358E-04	1.417009E-03
71924	G	3.123053E-02	-1.630824E-01	3.203891E-01	1.681509E-02	1.069358E-04	1.151909E-03
71926	G	3.031413E-02	-7.416701E-02	3.204033E-01	1.686557E-02	1.600833E-04	1.293830E-03
71927	G	3.020528E-02	-6.269842E-02	3.204033E-01	1.686557E-02	1.600833E-04	1.321221E-03



200106	G	-1.118336E-01	-2.468832E-04	-1.515277E-02	-3.438077E-04	1.537813E-03
200114	G	2.042637E-02	-2.489106E-04	-1.737666E-02	-4.191033E-04	1.537813E-03
200121	G	1.528502E-01	-2.489106E-04	-1.983566E-02	-4.11659E-04	1.537813E-03
200129	G	3.189038E-01	-2.489623E-04	-1.592799E-02	-5.216107E-04	1.537813E-03
200137	G	4.969742E-01	-2.489621E-04	-2.283744E-02	-5.559826E-04	1.537813E-03
200145	G	6.829808E-01	-2.489621E-04	-2.337981E-02	-5.763812E-04	1.537813E-03
200153	G	8.671929E-01	-2.489621E-04	-2.381666E-02	-5.829030E-04	1.537813E-03
200155	G	2.188856E-02	-2.489621E-04	-2.381666E-02	-5.829030E-04	1.537813E-03
211001	G	5.661551E-02	-6.476071E-01	1.795752E-02	-6.321074E-03	1.228029E-03
211002	G	6.476071E-01	7.039173E-01	1.796025E-02	2.413075E-04	1.228029E-03
211073	G	-4.008209E-01	-1.185008E-01	-9.739235E-03	-1.937952E-04	1.537813E-03
211077	G	2.502283E-02	1.225655E-01	-9.739235E-03	-1.937952E-04	1.537813E-03
214075	G	5.992398E-03	2.561208E-03	-9.739235E-03	-1.937952E-04	1.537813E-03
214901	G	5.661551E-02	-6.476071E-01	1.795752E-02	-6.321074E-03	1.228029E-03
214902	G	6.959275E-01	6.946026E-01	1.796025E-02	2.413075E-04	1.228029E-03
215101	G	4.190915E-02	-4.900319E-01	1.757401E-02	-7.751369E-04	1.323074E-03
215102	G	3.912770E-02	4.974084E-01	1.757401E-02	-7.751369E-04	1.323074E-03
215201	G	2.913900E-01	-2.221378E-01	1.692526E-02	4.526413E-05	1.398853E-03
215202	G	1.738141E-02	2.294037E-01	1.692526E-02	4.526413E-05	1.398853E-03
222001	G	7.830135E-01	-6.60715E-01	1.753803E-02	-1.099885E-04	1.268693E-03
222002	G	5.659043E-02	6.758709E-01	1.753803E-02	-1.099885E-04	1.268693E-03
222201	G	4.618217E-01	-4.860511E-01	1.714037E-02	-6.131406E-05	1.322759E-03
222202	G	4.618217E-01	-4.860511E-01	1.714037E-02	-6.131406E-05	1.322759E-03
223201	G	3.779113E-01	-2.264041E-01	1.671543E-02	2.010931E-05	1.323352E-03
223202	G	3.779113E-01	-2.264041E-01	1.671543E-02	2.010931E-05	1.323352E-03
223401	G	8.014730E-01	-6.791311E-01	1.671386E-02	-1.6117460E-04	1.329044E-03
223402	G	8.014730E-01	-6.791311E-01	1.671386E-02	-1.6117460E-04	1.329044E-03
520018	G	-5.710447E-02	6.716424E-01	1.753497E-02	-2.906139E-04	1.267818E-03
520024	G	-9.362259E-01	1.588349E-02	1.876651E-02	-3.564067E-06	-6.825524E-05
520057	G	-9.362259E-01	2.751875E-02	1.876651E-02	-3.564067E-06	-6.825524E-05
520057	G	-9.362259E-01	2.751875E-02	1.876651E-02	-3.564067E-06	-6.825524E-05
520065	G	-9.362259E-01	8.889931E-02	1.876651E-02	-3.564067E-06	-6.825524E-05
520069	G	-9.362259E-01	1.031769E-01	1.876651E-02	-3.564067E-06	-6.825524E-05
520079	G	-9.362259E-01	1.101308E-01	1.876651E-02	-3.564067E-06	-6.825524E-05
520135	G	-9.362259E-01	1.304399E-01	1.876651E-02	-3.564067E-06	-6.825524E-05
520139	G	-9.362259E-01	2.354555E-01	1.876651E-02	-3.564067E-06	-6.825524E-05
520152	G	-9.362259E-01	2.431945E-01	1.876651E-02	-3.564067E-06	-6.825524E-05
520152	G	-9.362259E-01	2.431945E-01	1.876651E-02	-3.564067E-06	-6.825524E-05
520185	G	-9.362259E-01	2.679313E-01	1.876651E-02	-3.564067E-06	-6.825524E-05
520185	G	-9.362259E-01	3.302100E-01	1.876651E-02	-3.564067E-06	-6.825524E-05





9313	-1.591310E-02	-1.154735E-01	-6.427774E-04	0.0	0.0
9317	1.243284E-02	-1.184312E-01	6.575441E-03	0.0	0.0
9331	-2.804270E-02	-1.112710E-01	-4.223514E-03	0.0	0.0
9333	-1.610519E-02	-1.113130E-01	-7.590216E-04	0.0	0.0
9337	1.366750E-02	-1.115381E-01	6.511930E-03	0.0	0.0
9339	2.545936E-02	-1.115426E-01	9.328584E-03	0.0	0.0
9341	0.0	-1.022958E-01	-1.141292E-02	0.0	0.0
9343	-1.495902E-02	-1.021627E-01	-5.798135E-04	0.0	0.0
9347	1.352894E-02	-1.019942E-01	6.574217E-03	0.0	0.0
9349	0.0	-1.019087E-01	1.563536E-02	0.0	0.0
9361	-2.664712E-02	-9.707671E-02	-4.230976E-03	0.0	0.0
9363	-1.384837E-02	-9.708969E-02	9.201330E-04	0.0	0.0
9367	1.319620E-02	-9.720248E-02	6.666926E-03	0.0	0.0
9369	2.586690E-02	-9.719026E-02	9.117547E-03	0.0	0.0
9371	-2.659050E-02	-9.244531E-02	-4.624593E-03	0.0	0.0
9373	0.0	-9.251863E-02	-4.531644E-03	0.0	0.0
9377	0.0	-9.280173E-02	9.845834E-03	0.0	0.0
9379	2.444397E-02	-9.282690E-02	9.344894E-03	0.0	0.0
11400	-1.488171E-02	-8.527935E-02	0.0	0.0	0.0
11503	-1.569708E-02	-8.687675E-02	0.0	0.0	0.0
11507	1.220142E-02	-8.687675E-02	0.0	0.0	0.0
11531	-2.756325E-02	-7.717830E-02	0.0	0.0	0.0
11533	-1.583007E-02	-7.716513E-02	6.851070E-03	0.0	0.0
11537	1.335438E-02	-7.721665E-02	0.0	0.0	0.0
11539	2.515159E-02	-7.721665E-02	3.210834E-03	0.0	0.0
11543	-1.476018E-02	-7.710411E-02	6.854618E-03	0.0	0.0
11547	1.340251E-02	-7.710411E-02	8.887608E-03	0.0	0.0
11561	-2.568879E-02	-6.652260E-02	3.200739E-03	0.0	0.0
11563	-1.343350E-02	-6.653160E-02	6.856170E-03	0.0	0.0
11567	1.275310E-02	-6.677669E-02	1.168527E-02	0.0	0.0
11569	2.503291E-02	-6.677103E-02	-1.741825E-03	0.0	0.0
11571	-2.462012E-02	0.0	-4.610226E-03	0.0	0.0
11579	2.530944E-02	0.0	5.477174E-03	0.0	0.0
11700	8.675527E-03	-8.252519E-02	6.669073E-04	0.0	0.0
11700	2.714666E-04	-2.308468E-02	6.669073E-04	0.0	0.0
13801	-2.328778E-02	-5.423746E-02	-9.911995E-03	0.0	0.0
13803	-1.557202E-02	-5.495249E-02	-6.076191E-03	0.0	0.0
13807	1.206059E-02	-5.494322E-02	6.827942E-03	0.0	0.0
13809	1.983977E-02	-5.424026E-02	1.072513E-02	0.0	0.0
13821	-2.465967E-02	-4.890893E-02	-1.114682E-02	0.0	0.0
13823	-1.483187E-02	-4.888149E-02	-6.147940E-03	0.0	0.0
13827	1.191083E-02	-4.886668E-02	6.944638E-03	0.0	0.0
13829	2.200163E-02	-4.889310E-02	1.197678E-02	0.0	0.0
13831	-2.709236E-02	-4.260771E-02	-1.140694E-02	0.0	0.0
13833	-1.493154E-02	-4.260829E-02	-6.173171E-03	0.0	0.0
13837	1.263128E-02	-4.259514E-02	6.978996E-03	0.0	0.0
13839	2.467413E-02	-4.258506E-02	1.227837E-02	0.0	0.0
13841	0.0	-3.645698E-02	-1.184242E-02	0.0	0.0
13843	-1.412517E-02	-3.650031E-02	-6.129637E-03	0.0	0.0
13847	1.254334E-02	-3.653032E-02	6.949666E-03	0.0	0.0
13848	1.251525E-02	-4.154454E-02	6.844088E-03	0.0	0.0
13849	0.0	-4.152711E-02	2.953426E-03	0.0	0.0
13861	-2.375841E-02	-3.044952E-02	-1.196185E-02	0.0	0.0
13863	-1.263598E-02	-3.047304E-02	-6.106433E-03	0.0	0.0
13867	1.211318E-02	-4.023824E-02	6.858636E-03	0.0	0.0
13869	2.386338E-02	-4.023824E-02	-1.261417E-02	0.0	0.0
13871	-2.285288E-02	0.0	-1.106103E-02	0.0	0.0
13879	2.554120E-02	0.0	1.951199E-03	0.0	0.0
14801	-2.328778E-02	-4.041545E-02	-1.094556E-02	0.0	0.0
14803	-1.524432E-02	-4.109694E-02	-6.838933E-03	0.0	0.0
14807	1.172293E-02	-4.109564E-02	6.933969E-03	0.0	0.0
14809	1.983977E-02	-4.041621E-02	1.103243E-02	0.0	0.0
14821	-2.477480E-02	-3.482578E-02	-1.225304E-02	0.0	0.0
14823	-1.469801E-02	-3.484419E-02	-6.838933E-03	0.0	0.0
14827	1.176517E-02	-3.485664E-02	6.933969E-03	0.0	0.0
14829	2.191481E-02	-3.484211E-02	1.233960E-02	0.0	0.0



18331	-2.698541E-02	-2.792937E-02	-1.244558E-02	0.0	0.0	0.0
18333	-1.456279E-02	-2.794589E-02	-6.893519E-03	0.0	0.0	0.0
18337	1.231439E-02	-2.796634E-02	6.987551E-03	0.0	0.0	0.0
18339	2.458978E-02	-2.795427E-02	1.251878E-02	0.0	0.0	0.0
18341	0.0	-2.212410E-02	1.260340E-02	0.0	0.0	0.0
18343	-1.381285E-02	-2.219610E-02	-7.000566E-03	0.0	0.0	0.0
18347	1.224557E-02	-2.218710E-02	7.091939E-03	0.0	0.0	0.0
18349	0.0	-2.211210E-02	1.266599E-02	0.0	0.0	0.0
18351	-2.267364E-02	-1.630014E-02	-1.281438E-02	0.0	0.0	0.0
18353	-1.229262E-02	-1.615063E-02	-7.044937E-03	0.0	0.0	0.0
18357	1.163518E-02	-1.610084E-02	7.153554E-03	0.0	0.0	0.0
18359	2.215418E-02	-1.624973E-02	1.283709E-02	0.0	0.0	0.0
18361	-2.166400E-02	-1.168821E-03	-1.279931E-02	0.0	0.0	0.0
18363	-1.242900E-02	-1.188844E-03	-7.065996E-03	0.0	0.0	0.0
18367	1.293287E-02	-1.184386E-03	6.858560E-03	0.0	0.0	0.0
18369	2.227399E-02	-1.166016E-03	1.249794E-02	0.0	0.0	0.0
18371	-1.967696E-02	-3.353659E-02	-9.519264E-03	0.0	0.0	0.0
18373	1.639211E-02	-3.352918E-02	9.340953E-03	0.0	0.0	0.0
18375	-2.299709E-02	-2.919452E-02	-1.179038E-02	0.0	0.0	0.0
18377	-1.524432E-02	-3.061939E-02	-7.320831E-03	0.0	0.0	0.0
18379	1.172293E-02	-3.059565E-02	6.879084E-03	0.0	0.0	0.0
18381	1.952974E-02	-2.917332E-02	1.125310E-02	0.0	0.0	0.0
18383	-2.460074E-02	-2.442388E-02	-1.266495E-02	0.0	0.0	0.0
18385	-1.691008E-02	-2.436663E-02	-8.484803E-03	0.0	0.0	0.0
18387	-1.461150E-03	-2.434322E-02	-2.165701E-04	0.0	0.0	0.0
18389	1.435198E-02	-2.435666E-02	8.040637E-03	0.0	0.0	0.0
18391	2.175239E-02	-2.441419E-02	1.209143E-02	0.0	0.0	0.0
18393	-1.926693E-02	0.0	-8.358672E-03	0.0	0.0	0.0
18395	1.171884E-02	0.0	7.935110E-03	0.0	0.0	0.0
18397	-2.154924E-02	1.384589E-02	-1.359712E-02	0.0	0.0	0.0
18399	-1.517401E-02	1.383655E-02	0.0	0.0	0.0	0.0
18401	2.569654E-04	1.383816E-02	0.0	0.0	0.0	0.0
18403	1.570366E-02	1.381796E-02	0.0	0.0	0.0	0.0
18405	2.215455E-02	1.382103E-02	1.240333E-02	0.0	0.0	0.0
18407	-7.674533E-04	5.162269E-03	-7.953241E-04	0.0	0.0	0.0
18409	-2.094733E-02	9.924151E-03	-1.259367E-02	0.0	0.0	0.0
18411	-1.296315E-02	8.521009E-03	-8.101523E-03	0.0	0.0	0.0
18413	9.216448E-03	8.511942E-03	5.253152E-03	0.0	0.0	0.0
18415	1.792774E-02	9.888612E-03	9.663183E-03	0.0	0.0	0.0
18417	-2.262341E-02	1.445997E-02	-1.378504E-02	0.0	0.0	0.0
18419	-1.310099E-02	1.456336E-02	-8.586947E-03	0.0	0.0	0.0
18421	-1.619974E-03	1.458427E-02	-1.420355E-03	0.0	0.0	0.0
18423	1.013897E-02	1.442964E-02	5.719185E-03	0.0	0.0	0.0
18425	-1.708028E-02	1.443584E-02	1.082873E-02	0.0	0.0	0.0
18427	-2.228358E-02	2.300912E-02	-1.407371E-02	0.0	0.0	0.0
18429	0.0	2.302395E-02	-8.579377E-03	0.0	0.0	0.0
18431	0.0	2.004749E-02	-1.410363E-03	0.0	0.0	0.0
18433	0.0	2.001844E-02	5.746514E-03	0.0	0.0	0.0
18435	0.0	2.001878E-02	1.119934E-02	0.0	0.0	0.0
18437	-1.821136E-02	2.562661E-02	-1.434315E-02	0.0	0.0	0.0
18439	-1.615460E-02	2.564566E-02	-1.285793E-02	0.0	0.0	0.0
18441	-1.260171E-02	2.566900E-02	-1.028694E-02	0.0	0.0	0.0
18443	-5.958114E-03	2.575232E-02	-5.535193E-03	0.0	0.0	0.0
18445	-2.045619E-04	2.577658E-02	-1.394001E-03	0.0	0.0	0.0
18447	5.542852E-03	2.575659E-02	7.751482E-03	0.0	0.0	0.0
18449	1.216456E-02	2.568004E-02	2.571297E-03	0.0	0.0	0.0
18451	1.570536E-02	2.565934E-02	1.008419E-02	0.0	0.0	0.0
18453	1.774877E-02	2.564214E-02	1.156541E-02	0.0	0.0	0.0
18455	-1.810482E-02	2.725963E-02	-1.437416E-02	0.0	0.0	0.0
18457	-1.611901E-02	2.727219E-02	-1.286329E-02	0.0	0.0	0.0
18459	1.563358E-02	2.728334E-02	1.009365E-02	0.0	0.0	0.0
18461	-1.758698E-02	2.727196E-02	-1.60108E-02	0.0	0.0	0.0
18463	-1.603260E-02	3.049377E-02	-1.440108E-02	0.0	0.0	0.0
18465	-1.622415E-02	3.049513E-02	-1.287463E-02	0.0	0.0	0.0
18467	-1.561189E-02	3.046992E-02	1.010879E-02	0.0	0.0	0.0
18469	1.741442E-02	3.088657E-02	1.164014E-02	0.0	0.0	0.0
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18601	-1.018893E-02	3.280110E-02	-1.441826E-02	-7.701642E-04	-1.204646E-04	9.061648E-04
18602	-1.634801E-02	3.279704E-02	-1.288483E-02	-7.629774E-04	-1.566799E-04	9.365940E-04
18603	-1.305656E-02	3.279006E-02	-1.023611E-02	-7.694750E-04	-1.926595E-04	9.590918E-04
18604	-0.234163E-03	3.278143E-02	-5.526219E-03	0.0	0.0	1.096701E-03
18605	2.687208E-04	3.277804E-02	-1.391120E-03	0.0	0.0	1.127645E-03
18606	0.620366E-03	3.277821E-02	2.746448E-03	0.0	0.0	1.047914E-03
18607	1.298336E-02	3.277619E-02	7.472360E-03	-7.707034E-04	2.429044E-04	8.653132E-04
18608	1.594091E-02	3.278722E-02	1.012345E-02	-7.643111E-04	1.852926E-04	8.359428E-04
18609	1.758111E-02	3.278976E-02	1.168026E-02	-7.691283E-04	1.275212E-04	8.079913E-04
18610	-2.129711E-02	4.198858E-02	-1.423179E-02	0.0	0.0	0.0
18611	-1.540002E-02	4.200068E-02	-1.021560E-02	-7.694750E-04	-1.973727E-04	1.265269E-03
18612	2.576921E-04	4.198451E-02	-1.392460E-03	0.0	0.0	0.0
18613	1.591543E-02	4.200725E-02	7.454146E-03	-7.707034E-04	2.439250E-04	1.265269E-03
18614	2.185920E-02	4.199597E-02	-1.147475E-02	0.0	0.0	0.0
18615	-1.564800E-02	4.596883E-02	-9.600427E-03	0.0	-1.041370E-04	1.415289E-03
18616	1.595990E-02	4.697517E-02	6.829885E-03	0.0	6.818394E-05	1.415197E-03
18617	-1.753263E-02	4.198200E-02	-1.454949E-02	-7.852158E-04	3.522600E-05	1.000766E-03
18618	-9.39082E-03	4.154590E-02	-8.740947E-03	-7.475072E-04	6.411095E-06	9.913121E-04
18619	-7.801186E-03	4.155700E-02	7.116600E-03	0.0	1.011665E-06	9.795805E-04
18620	-1.429450E-04	4.157580E-02	-1.124046E-03	0.0	0.0	9.603812E-04
18621	7.507278E-03	4.155970E-02	4.868232E-03	0.0	-2.396310E-05	9.775551E-04
18622	9.640198E-03	4.154948E-02	6.492489E-03	-7.474695E-04	-3.018518E-05	9.887854E-04
18623	1.719899E-02	4.154948E-02	1.229976E-02	-7.848244E-04	-6.540940E-05	9.988262E-04
18624	-1.726232E-02	4.736325E-02	-1.453411E-02	-8.157455E-04	5.307440E-05	9.635543E-04
18625	-9.80930E-03	4.731502E-02	-8.744683E-03	-7.356263E-04	1.096543E-05	9.674232E-04
18626	9.404588E-03	4.731165E-02	6.495982E-03	-7.353059E-04	-3.635659E-05	9.607582E-04
18627	-1.672624E-02	4.735631E-02	-1.228360E-02	-8.157594E-04	-8.337725E-05	9.534226E-04
18628	-1.711817E-02	4.920145E-02	-1.453410E-02	-7.498947E-04	6.091953E-05	9.510560E-04
18629	-9.451903E-03	4.916259E-02	-8.744683E-03	-7.588067E-04	1.209904E-05	9.511958E-04
18630	-7.868853E-03	4.917694E-02	-7.110944E-03	0.0	3.865777E-06	9.519628E-04
18631	-2.475500E-04	4.916325E-02	-1.124467E-03	0.0	0.0	9.516398E-04
18632	7.263914E-03	4.917725E-02	4.862513E-03	-7.595117E-04	-2.774279E-05	9.449306E-04
18633	9.311587E-03	4.918215E-02	6.478009E-03	-7.498867E-04	-3.814996E-05	9.422102E-04
18634	1.650748E-02	4.92031E-02	1.228325E-02	0.0	-9.107082E-05	9.417287E-04
18635	-1.553486E-02	4.326334E-02	-1.128130E-02	0.0	-1.179339E-04	1.833937E-03
18636	1.602354E-02	4.327317E-02	-1.014229E-02	0.0	1.533400E-04	1.834629E-03
18637	-1.754386E-02	5.069957E-02	-1.467634E-02	0.0	0.0	0.0
18638	-1.111833E-02	5.064526E-02	-8.954789E-03	0.0	0.0	0.0
18639	-1.223917E-03	5.061904E-02	-6.054055E-04	0.0	0.0	0.0
18640	8.797511E-03	5.066092E-02	7.737264E-03	0.0	0.0	0.0
18641	1.512987E-02	5.072864E-02	1.344849E-02	0.0	0.0	0.0
18642	-1.57961E-02	6.900549E-02	-1.546520E-02	-8.518989E-04	-2.588995E-04	1.094939E-03
18643	-1.009779E-02	6.897293E-02	-1.047134E-02	0.0	-1.465483E-04	1.014576E-03
18644	-2.292229E-04	6.892300E-02	-6.064614E-04	0.0	-2.419674E-05	7.277399E-04
18645	9.709287E-02	6.895918E-02	9.451021E-03	0.0	1.981550E-04	1.026233E-03
18646	1.565994E-02	6.898743E-02	1.426851E-02	-8.523508E-04	2.105061E-04	1.107905E-03
18647	-1.573437E-02	7.750803E-02	-1.556907E-02	0.0	0.0	0.0
18648	-1.42484E-02	7.760590E-02	-1.091973E-02	-7.734129E-04	-3.396526E-04	0.0
18649	-6.470099E-03	7.760364E-02	-5.330711E-03	0.0	0.0	0.0
18650	3.812027E-03	7.757646E-02	4.103412E-03	0.0	0.0	0.0
18651	1.059751E-02	7.757425E-02	9.695809E-03	-7.762490E-04	4.480435E-04	0.0
18652	-1.515720E-07	7.746583E-02	1.432203E-02	0.0	0.0	0.0
18653	8.734792E-02	8.734792E-02	-1.084264E-02	-7.762339E-04	-2.986626E-04	1.843249E-03
18654	-1.524535E-02	8.735943E-02	9.609271E-03	-7.828677E-04	3.957618E-04	1.844085E-03
18655	1.601036E-02	8.757423E-02	-6.747651E-04	-8.363796E-04	0.0	0.0
18656	0.0	8.757423E-02	-1.241523E-02	0.0	0.0	0.0
18657	-1.502027E-02	4.964591E-02	-7.837538E-03	0.0	0.0	0.0
18658	0.00404E-02	4.792554E-02	6.070942E-03	0.0	0.0	0.0
18659	0.083323E-03	4.793580E-02	1.069475E-02	0.0	0.0	0.0
18660	4.01174E-02	4.945586E-02	1.069475E-02	0.0	0.0	0.0
18661	-1.75544E-02	5.569581E-02	-1.487231E-02	0.0	0.0	0.0
18662	-1.079240E-02	5.567336E-02	-9.046272E-03	0.0	0.0	0.0
18663	-1.201301E-03	5.565361E-02	-8.814659E-04	0.0	0.0	0.0
18664	8.465800E-03	5.569369E-02	7.322095E-03	0.0	0.0	0.0
18665	1.468595E-02	5.573478E-02	1.318073E-02	0.0	0.0	0.0
18666	-1.425252E-02	5.546351E-02	-1.228340E-02	0.0	0.0	0.0
18667	1.156218E-02	5.546746E-02	1.022894E-02	0.0	0.0	0.0

22701	-1.408508E-02	5.913371E-03	-1.700577E-02	0.0	0.0	0.0	0.0	0.0	0.0
22702	-8.950226E-03	5.660855E-02	-4.071910E-03	0.0	0.0	0.0	0.0	0.0	0.0
22703	6.037120E-03	5.659399E-02	5.069790E-03	0.0	0.0	0.0	0.0	0.0	0.0
22709	-1.124978E-02	5.816844E-03	1.002050E-02	0.0	0.0	0.0	0.0	0.0	0.0
22721	-1.629500E-02	6.404740E-03	1.918461E-02	0.0	0.0	0.0	0.0	0.0	0.0
22723	-1.061415E-02	6.418531E-03	1.464747E-03	0.0	0.0	0.0	0.0	0.0	0.0
22725	-1.187841E-03	6.423622E-03	1.480166E-03	0.0	0.0	0.0	0.0	0.0	0.0
22727	8.284084E-03	6.414336E-03	7.112511E-03	0.0	0.0	0.0	0.0	0.0	0.0
22729	1.368955E-02	6.397861E-03	1.748955E-02	0.0	0.0	0.0	0.0	0.0	0.0
23100	-6.373215E-04	8.166373E-03	-1.247687E-03	0.0	0.0	0.0	0.0	0.0	0.0
25001	-1.001011E-02	7.865256E-03	-1.000844E-02	0.0	0.0	0.0	0.0	0.0	0.0
25003	-7.442702E-03	7.727176E-02	-7.567160E-03	0.0	0.0	0.0	0.0	0.0	0.0
25007	2.338387E-03	7.71027E-02	1.352187E-03	0.0	0.0	0.0	0.0	0.0	0.0
25009	7.125281E-03	7.856613E-03	6.216954E-03	0.0	0.0	0.0	0.0	0.0	0.0
25021	-1.241334E-02	8.357173E-02	-1.289110E-02	0.0	0.0	0.0	0.0	0.0	0.0
25025	-1.263971E-03	8.351137E-03	-2.562164E-03	0.0	0.0	0.0	0.0	0.0	0.0
25041	1.011754E-02	8.351135E-03	9.225089E-03	0.0	0.0	0.0	0.0	0.0	0.0
25043	-1.014437E-02	9.208373E-03	-1.341661E-02	0.0	0.0	0.0	0.0	0.0	0.0
25045	9.243770E-03	9.208373E-03	3.372955E-03	0.0	0.0	0.0	0.0	0.0	0.0
25049	1.056428E-02	1.3449570E-02	9.825051E-03	0.0	0.0	0.0	0.0	0.0	0.0
25051	-7.116792E-04	1.3449570E-02	-1.346687E-02	0.0	0.0	0.0	0.0	0.0	0.0
25053	9.998117E-03	1.047527E-01	4.684233E-03	0.0	0.0	0.0	0.0	0.0	0.0
25059	6.456617E-03	9.101546E-02	1.007786E-02	0.0	0.0	0.0	0.0	0.0	0.0
26801	-4.496874E-03	9.103149E-02	-7.651947E-03	0.0	0.0	0.0	0.0	0.0	0.0
26809	-9.002630E-03	9.611404E-02	9.871072E-04	0.0	0.0	0.0	0.0	0.0	0.0
26821	-1.467095E-03	9.620154E-02	-1.229632E-02	0.0	0.0	0.0	0.0	0.0	0.0
26825	6.652303E-03	9.616339E-02	2.430929E-03	0.0	0.0	0.0	0.0	0.0	0.0
26829	-7.650398E-03	1.064029E-01	-7.614885E-03	0.0	0.0	0.0	0.0	0.0	0.0
26841	0.0	1.063787E-01	-1.213767E-02	0.0	0.0	0.0	0.0	0.0	0.0
26843	6.975938E-03	1.063908E-01	-2.370501E-03	0.0	0.0	0.0	0.0	0.0	0.0
26845	-7.443089E-02	1.138977E-01	7.514924E-03	0.0	0.0	0.0	0.0	0.0	0.0
26849	-7.058824E-04	1.139548E-01	-1.203827E-02	0.0	0.0	0.0	0.0	0.0	0.0
26853	6.173324E-03	1.139497E-01	-2.354563E-03	0.0	0.0	0.0	0.0	0.0	0.0
29905	-2.385861E-03	1.094888E-01	7.476106E-03	0.0	0.0	0.0	0.0	0.0	0.0
29921	-2.763275E-03	1.108844E-01	-6.138630E-03	0.0	0.0	0.0	0.0	0.0	0.0
29925	-1.807219E-03	1.107649E-01	-9.355460E-03	0.0	0.0	0.0	0.0	0.0	0.0
29929	-2.246433E-03	1.104804E-01	-6.110449E-03	0.0	0.0	0.0	0.0	0.0	0.0
29941	-5.717061E-03	1.150020E-01	-2.697266E-03	0.0	0.0	0.0	0.0	0.0	0.0
29943	0.0	1.150020E-01	-1.090334E-02	0.0	0.0	0.0	0.0	0.0	0.0
29945	2.868853E-03	1.150008E-01	-5.987585E-03	0.0	0.0	0.0	0.0	0.0	0.0
29949	-1.707319E-03	1.150134E-01	1.239982E-03	0.0	0.0	0.0	0.0	0.0	0.0
29951	-1.022841E-03	1.191253E-01	-9.803435E-03	0.0	0.0	0.0	0.0	0.0	0.0
29953	-1.174434E-03	1.191253E-01	-6.069075E-03	0.0	0.0	0.0	0.0	0.0	0.0
30045	-1.964736E-03	1.150669E-01	-2.316440E-03	0.0	0.0	0.0	0.0	0.0	0.0
31745	-1.916834E-03	1.119646E-01	-6.789751E-03	0.0	0.0	0.0	0.0	0.0	0.0
33845	-1.873232E-03	9.897095E-02	-7.360764E-03	0.0	0.0	0.0	0.0	0.0	0.0
35945	-1.840541E-03	7.469362E-02	-7.377298E-03	0.0	0.0	0.0	0.0	0.0	0.0
38045	-1.821751E-03	3.760870E-02	-7.877085E-03	0.0	0.0	0.0	0.0	0.0	0.0
40141	8.147049E-02	-1.249919E-02	3.891481E-02	0.0	0.0	0.0	0.0	0.0	0.0
40142	5.344068E-02	-1.249919E-02	2.058159E-02	0.0	0.0	0.0	0.0	0.0	0.0
40143	2.463014E-02	-1.249919E-02	5.322468E-03	0.0	0.0	0.0	0.0	0.0	0.0
40145	-1.820221E-03	-1.250690E-02	-7.713840E-03	0.0	0.0	0.0	0.0	0.0	0.0
40147	-2.727289E-02	-1.249919E-02	-2.800093E-02	0.0	0.0	0.0	0.0	0.0	0.0
40149	-2.711420E-02	-1.249919E-02	3.891915E-02	0.0	0.0	0.0	0.0	0.0	0.0
40151	-5.519059E-02	-1.249919E-02	-5.074325E-02	0.0	0.0	0.0	0.0	0.0	0.0
42245	-1.836563E-03	-7.579154E-02	1.407114E-03	0.0	0.0	0.0	0.0	0.0	0.0
43445	-1.870101E-03	-1.529484E-01	-6.547824E-03	0.0	0.0	0.0	0.0	0.0	0.0
45245	-1.889180E-03	-1.909378E-01	-6.454224E-03	0.0	0.0	0.0	0.0	0.0	0.0
46445	-1.916869E-03	-2.444384E-01	-5.599186E-03	0.0	0.0	0.0	0.0	0.0	0.0
48045	-2.658899E-03	-4.057075E-01	-4.803666E-03	0.0	0.0	0.0	0.0	0.0	0.0
48845	-3.063464E-03	-5.112475E-01	-4.373125E-03	0.0	0.0	0.0	0.0	0.0	0.0
49745	-3.477261E-03	-6.289785E-01	-3.828803E-03	0.0	0.0	0.0	0.0	0.0	0.0
50645	-3.891388E-03	-7.550327E-01	-7.743378E-03	0.0	0.0	0.0	0.0	0.0	0.0
51545	-4.303753E-03	-8.577142E-01	-3.482444E-03	0.0	0.0	0.0	0.0	0.0	0.0
52045	-4.727893E-03	-9.976395E-01	-2.769845E-03	0.0	0.0	0.0	0.0	0.0	0.0

61912	-1.91460E-02	1.246197E-02	-1.545596E-02	-7.403107E-04	-9.116222E-05	8.5.5700E-04
61913	-1.92772E-02	1.14377E-02	-1.545596E-02	-7.403107E-04	-9.116222E-05	1.468892E-03
61914	-1.91685E-02	1.090680E-02	-1.545596E-02	-7.403107E-04	-9.116222E-05	8.667165E-04
61915	-1.943437E-02	2.721987E-02	-1.537410E-02	-7.536977E-04	7.090087E-05	9.92553E-04
61917	-1.950534E-02	2.646521E-02	-1.537410E-02	-7.536977E-04	7.090087E-05	1.541471E-03
61918	-1.954964E-02	2.556883E-02	-1.537410E-02	-7.536977E-04	7.090087E-05	1.028945E-03
61922	-1.862224E-02	4.15524E-02	-1.575555E-02	-8.469711E-04	5.185854E-05	1.655066E-03
61923	-1.866784E-02	4.740991E-02	-1.575555E-02	-8.469711E-04	5.185854E-05	9.623040E-04
61924	-1.870464E-02	4.672366E-02	-1.575555E-02	-8.469711E-04	5.185854E-05	1.623040E-04
61926	-1.896186E-02	4.20502E-02	-1.574150E-02	-8.443564E-04	5.185854E-05	1.697018E-03
61927	-1.900079E-02	4.193083E-02	-1.574150E-02	-8.443564E-04	5.185854E-05	1.71508E-03
61928	-1.905620E-02	4.106961E-02	-1.574150E-02	-8.443564E-04	5.185854E-05	1.004011E-03
61934	-1.792117E-02	6.359379E-02	-1.678108E-02	-8.002508E-04	2.602637E-04	1.714526E-03
61935	-1.775864E-02	6.908166E-02	-1.678108E-02	-8.002508E-04	2.602637E-04	1.839335E-03
61936	-1.75742E-02	6.832144E-02	-1.678108E-02	-8.002508E-04	2.602637E-04	1.116590E-03
6211	-2.356612E-02	3.434185E-02	-1.782707E-02	0.0	0.0	2.204441E-03
62113	-2.371012E-02	3.288798E-02	-1.781536E-02	-8.346455E-04	0.0	0.0
62117	-2.415217E-02	2.746183E-02	-1.77952E-02	-8.002508E-04	1.168004E-04	1.571670E-03
62119	-2.422659E-02	2.620408E-02	-1.77952E-02	0.0	0.0	0.0
62221	-2.361912E-02	4.993460E-02	-1.848160E-02	-9.150556E-04	5.747745E-05	1.644312E-03
62224	-2.378230E-02	4.770419E-02	-1.847373E-02	-8.613928E-04	1.647738E-04	1.690460E-03
62226	-2.411478E-02	4.338411E-02	-1.845782E-02	-8.979631E-04	4.330823E-05	1.705527E-03
62229	-2.42449E-02	4.171156E-02	-1.844963E-02	-8.716229E-04	2.034611E-04	1.698186E-03
62231	-2.39342E-02	7.063311E-02	-1.941319E-02	-1.062224E-03	6.383194E-04	1.743940E-03
62239	-2.408354E-02	6.856167E-02	-1.940513E-02	-1.134950E-04	0.0	0.0
62811	-3.293435E-02	3.647560E-02	-2.267508E-02	0.0	0.0	0.0
62819	-3.366004E-02	2.968259E-02	-2.351312E-02	0.0	0.0	0.0
62821	-3.311375E-02	4.166933E-02	-2.351449E-02	0.0	0.0	0.0
62829	-3.386604E-02	4.398398E-02	-2.351449E-02	0.0	0.0	0.0
62831	-3.370470E-02	7.119298E-02	-2.479479E-02	0.0	0.0	0.0
62839	-3.388132E-02	6.922066E-02	-2.479479E-02	0.0	0.0	0.0
63411	-4.273801E-02	3.875457E-02	-2.766396E-02	0.0	0.0	0.0
63419	-4.360200E-02	3.174326E-02	-2.766396E-02	0.0	0.0	0.0
63421	-4.295207E-02	5.348803E-02	-2.766396E-02	0.0	0.0	0.0
63429	-4.381241E-02	6.34229E-02	-2.766396E-02	0.0	0.0	0.0
63431	-4.362854E-02	7.17174E-02	-3.016945E-02	0.0	0.0	0.0
63439	-4.384500E-02	6.987578E-02	-3.017101E-02	0.0	0.0	0.0
64211	-5.670118E-02	4.195507E-02	-3.489998E-02	0.0	0.0	0.0
64219	-5.768806E-02	3.572953E-02	-3.489998E-02	0.0	0.0	0.0
64221	-5.697792E-02	5.605800E-02	-3.617184E-02	0.0	0.0	0.0
64229	-5.797097E-02	4.969255E-02	-3.617306E-02	-8.544344E-04	1.335843E-04	1.465159E-03
64231	-5.77454E-02	7.260031E-02	-3.787919E-02	0.0	0.0	0.0
64239	-5.801441E-02	7.078004E-02	-3.787919E-02	0.0	0.0	0.0
65011	-7.032520E-02	4.505310E-02	-4.201591E-02	0.0	0.0	0.0
65019	-7.139623E-02	3.966287E-02	-4.202258E-02	0.0	0.0	0.0
65021	-7.068014E-02	5.856922E-02	-4.357344E-02	0.0	0.0	0.0
65029	-7.176578E-02	5.299623E-02	-4.357713E-02	0.0	0.0	0.0
65031	-7.150352E-02	7.339698E-02	-4.546169E-02	0.0	0.0	0.0
65039	-7.182646E-02	7.164395E-02	-4.546240E-02	0.0	0.0	0.0
65911	-8.199820E-02	4.817670E-02	-4.94484E-02	0.0	0.0	0.0
65919	-8.511728E-02	4.365747E-02	-4.917842E-02	0.0	0.0	0.0
65921	-8.446324E-02	6.107824E-02	-5.109161E-02	0.0	0.0	0.0
65929	-8.560538E-02	5.636333E-02	-5.112012E-02	-8.572647E-04	2.221693E-04	1.453805E-03
65931	-8.529055E-02	7.416075E-02	-5.308041E-02	0.0	0.0	0.0
65939	-8.565334E-02	7.248488E-02	-5.308243E-02	0.0	0.0	0.0
71912	-1.865999E-02	3.282981E-02	1.269373E-02	-7.776830E-04	8.071287E-05	7.992403E-04
71913	-1.855811E-02	3.182893E-02	1.269373E-02	-7.776830E-04	8.071287E-05	1.447696E-03
71914	-1.845983E-02	3.090115E-02	1.269373E-02	-7.776830E-04	8.071287E-05	7.763340E-04
71916	-1.889958E-02	2.723288E-02	1.259646E-02	-7.523303E-04	-1.010425E-04	9.803011E-04
71917	-1.900072E-02	2.647959E-02	1.259646E-02	-7.523303E-04	-1.010425E-04	1.555252E-03
71918	-1.912086E-02	2.558507E-02	1.259646E-02	-7.523303E-04	-1.010425E-04	1.024401E-03
71922	-1.803620E-02	4.814344E-02	1.349918E-02	-8.452709E-04	-9.058687E-05	1.633906E-03
71923	-1.811591E-02	4.739980E-02	1.349918E-02	-8.452709E-04	-9.058687E-05	9.510398E-04
71924	-1.81029E-02	4.671513E-02	1.349918E-02	-8.452709E-04	-9.058687E-05	1.659557E-03
71926	-1.860289E-02	4.251309E-02	1.349900E-02	-8.418174E-04	-9.070730E-05	1.718513E-03
71927	-1.866451E-02	4.194066E-02	1.349900E-02	-8.418174E-04	-9.070730E-05	1.006321E-03



200106	G	1.111111	05	9.013037	-02	-1.084757	-03	9.131676	-04	-2.489734	-06	1.441632	-03
200114	G	1.204864	-05	3.195107	-02	-1.090362	-03	1.127064	-03	2.159477	-06	1.441632	-03
200121	G	1.510171	-05	3.149959	-02	-1.090892	-03	1.127064	-03	2.159477	-06	1.441632	-03
200129	G	7.187008	-05	2.059177	-02	-1.091497	-03	1.127064	-03	2.159477	-06	1.441632	-03
200137	G	1.491382	-04	9.069559	-01	-1.091497	-03	1.127064	-03	2.159477	-06	1.441632	-03
200145	G	7.400206	-04	1.903476	-02	-1.091497	-03	1.127064	-03	2.159477	-06	1.441632	-03
200152	G	3.846419	-04	1.642618	-02	-1.091497	-03	1.127064	-03	2.159477	-06	1.441632	-03
200155	G	3.618824	-04	2.100594	-02	-1.091497	-03	1.127064	-03	2.159477	-06	1.441632	-03
211001	G	9.752942	-02	1.129049	-01	4.193410	-02	1.127064	-03	2.159477	-06	1.441632	-03
211002	G	1.160876	-02	1.127075	-01	4.193410	-02	1.127064	-03	2.159477	-06	1.441632	-03
211073	G	1.751039	-02	8.165866	-02	5.382162	-03	1.127064	-03	2.159477	-06	1.441632	-03
214077	G	1.811001	-02	8.165866	-02	5.382162	-03	1.127064	-03	2.159477	-06	1.441632	-03
214075	G	2.698081	-04	8.165866	-02	5.382162	-03	1.127064	-03	2.159477	-06	1.441632	-03
214901	G	6.752942	-02	6.149788	-02	7.284636	-03	1.127064	-03	2.159477	-06	1.441632	-03
215101	G	3.160887	-02	6.139174	-02	3.534132	-02	1.127064	-03	2.159477	-06	1.441632	-03
215102	G	3.622587	-02	3.816238	-02	2.312046	-02	1.127064	-03	2.159477	-06	1.441632	-03
215201	G	3.969305	-02	3.814761	-02	2.312046	-02	1.127064	-03	2.159477	-06	1.441632	-03
215202	G	1.639211	-02	3.352918	-02	9.340953	-03	1.127064	-03	2.159477	-06	1.441632	-03
222001	G	1.967698	-02	3.154655	-02	9.340953	-03	1.127064	-03	2.159477	-06	1.441632	-03
222002	G	6.766370	-02	3.162316	-02	3.222642	-02	1.127064	-03	2.159477	-06	1.441632	-03
222201	G	1.591344	-02	3.142900	-02	3.431851	-02	1.127064	-03	2.159477	-06	1.441632	-03
222202	G	2.960945	-02	5.056717	-02	2.325699	-02	1.127064	-03	2.159477	-06	1.441632	-03
222301	G	1.264625	-02	5.050376	-02	2.538036	-02	1.127064	-03	2.159477	-06	1.441632	-03
222302	G	1.156210	-02	5.546746	-02	1.022894	-02	1.127064	-03	2.159477	-06	1.441632	-03
223401	G	1.425252	-02	5.546351	-02	1.228340	-02	1.127064	-03	2.159477	-06	1.441632	-03
223402	G	6.766370	-02	5.090268	-02	3.430222	-02	1.127064	-03	2.159477	-06	1.441632	-03
520014	G	5.154134	-02	5.073561	-02	3.704285	-02	1.127064	-03	2.159477	-06	1.441632	-03
520024	G	6.615483	-03	9.999396	-01	1.236359	-02	1.127064	-03	2.159477	-06	1.441632	-03
520057	G	1.321100	-02	9.999396	-01	1.757575	-02	1.127064	-03	2.159477	-06	1.441632	-03
520065	G	3.747431	-02	9.999419	-01	4.509451	-02	1.127064	-03	2.159477	-06	1.441632	-03
520068	G	6.313478	-02	9.999425	-01	5.151501	-02	1.127064	-03	2.159477	-06	1.441632	-03
520079	G	5.595959	-02	9.999428	-01	6.444731	-02	1.127064	-03	2.159477	-06	1.441632	-03
520135	G	5.397584	-02	9.999480	-01	6.381271	-02	1.127064	-03	2.159477	-06	1.441632	-03
520139	G	9.413866	-02	9.999855	-01	1.116516	-01	1.127064	-03	2.159477	-06	1.441632	-03
520152	G	9.926236	-02	9.999898	-01	1.131945	-01	1.127064	-03	2.159477	-06	1.441632	-03
520185	G	1.092489	-01	1.000000	00	1.285314	-01	1.127064	-03	2.159477	-06	1.441632	-03
	G	1.343955	-01	1.000000	00	1.550686	-01	1.127064	-03	2.159477	-06	1.441632	-03

AN-1C THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 4013 LB GROSS WEIGHT  
 NATURAL FREQUENCIES AND MODE SHAPE  
 EIGENVALUE # 2.469902E 03

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	3.388631E-03	-9.327222E-03	-3.304064E-01	0.0	0.0	0.0
3339	G	4.121074E-03	-9.342365E-03	-3.326895E-01	0.0	0.0	0.0
3341	G	-1.645142E-02	-1.092524E-02	-3.299380E-01	0.0	0.0	0.0
3349	G	-1.540284E-02	-1.09204E-02	-3.311064E-01	0.0	0.0	0.0
4431	G	2.903880E-03	-8.336640E-03	-2.933540E-01	0.0	0.0	0.0
4433	G	1.281233E-02	-7.539731E-03	-2.938950E-01	0.0	0.0	0.0
4437	G	1.415548E-02	-7.560913E-03	-2.979479E-01	0.0	0.0	0.0
4439	G	4.422899E-03	-8.368623E-03	-2.984726E-01	0.0	0.0	0.0
4441	G	-1.714030E-02	-9.973813E-03	-2.931805E-01	0.0	0.0	0.0
4449	G	-1.523888E-02	-1.002871E-02	-2.986980E-01	0.0	0.0	0.0
4461	G	-3.895714E-02	-1.177925E-02	-2.937833E-01	0.0	0.0	0.0
4469	G	-3.739013E-02	-1.182715E-02	-2.981251E-01	0.0	0.0	0.0
6123	G	2.689064E-02	-5.316388E-03	-2.512144E-01	0.0	0.0	0.0
6127	G	2.839860E-02	-5.316388E-03	-2.555705E-01	0.0	0.0	0.0
6131	G	1.235382E-02	-6.371196E-03	-2.505049E-01	0.0	0.0	0.0
6133	G	1.258907E-02	-6.371196E-03	-2.512109E-01	0.0	0.0	0.0
6137	G	1.403949E-02	-6.385595E-03	-2.555544E-01	0.0	0.0	0.0
6139	G	1.437243E-02	-6.484337E-03	-2.565909E-01	0.0	0.0	0.0
6141	G	-9.705853E-03	-7.644795E-03	-2.503551E-01	0.0	0.0	0.0
6143	G	-9.56492E-03	-7.644795E-03	-2.512351E-01	0.0	0.0	0.0
6147	G	-7.801006E-03	-9.010904E-03	-2.535662E-01	0.0	0.0	0.0
6149	G	-7.535677E-03	-9.010904E-03	-2.567902E-01	0.0	0.0	0.0
6161	G	-2.548794E-02	-8.68740E-03	-2.501354E-01	0.0	0.0	0.0
6163	G	-2.505490E-02	-8.687571E-03	-2.512555E-01	0.0	0.0	0.0
6167	G	-2.336979E-02	-1.069044E-02	-2.556324E-01	0.0	0.0	0.0
6169	G	-2.322416E-02	-1.069044E-02	-2.566088E-01	0.0	0.0	0.0
6171	G	-5.116620E-02	-1.214405E-02	-2.717690E-01	0.0	0.0	0.0
6179	G	-6.957587E-02	-1.229030E-02	-2.762155E-01	0.0	0.0	0.0
7031	G	1.218487E-02	-5.743545E-03	0.0	0.0	0.0	0.0
7033	G	1.255504E-02	-5.743545E-03	-2.433509E-01	0.0	0.0	0.0
7037	G	1.399329E-02	-5.723805E-03	-2.299234E-01	0.0	0.0	0.0
7039	G	1.436792E-02	-5.710697E-03	0.0	0.0	0.0	0.0
7043	G	-1.009513E-02	0.0	-2.252324E-01	0.0	0.0	0.0
7047	G	-8.349570E-03	0.0	-2.298061E-01	0.0	0.0	0.0
7061	G	-2.448824E-02	-7.244707E-03	-2.195048E-01	0.0	0.0	0.0
7063	G	-2.635192E-02	-7.244707E-03	-2.251840E-01	0.0	0.0	0.0
7067	G	-2.464527E-02	-1.121363E-02	-2.297571E-01	0.0	0.0	0.0
7069	G	-2.404377E-02	-1.120555E-02	-2.269827E-01	0.0	0.0	0.0
7071	G	-7.226640E-02	0.0	-2.095082E-01	0.0	0.0	0.0
7079	G	-6.995177E-02	0.0	-2.185915E-01	0.0	0.0	0.0
7505	G	5.543615E-02	-1.957400E-03	-2.143946E-01	2.246468E-04	-2.210798E-03	7.191140E-05
8300	G	-5.527219E-02	-1.041989E-02	-1.931313E-01	0.0	0.0	0.0
8311	G	1.169071E-02	-4.712358E-03	0.0	0.0	0.0	0.0
8331	G	1.255504E-02	-4.685245E-03	-1.846787E-01	0.0	0.0	0.0
8337	G	1.399329E-02	-4.685245E-03	-1.892516E-01	0.0	0.0	0.0
8339	G	1.416929E-02	-4.656058E-03	0.0	0.0	0.0	0.0
8343	G	-1.103565E-02	0.0	-1.846934E-01	0.0	0.0	0.0
8547	G	-9.348575E-03	0.0	-1.892388E-01	0.0	0.0	0.0
8561	G	-2.759736E-02	-6.461128E-03	-1.798502E-01	0.0	0.0	0.0
8563	G	-2.803962E-02	-6.455421E-03	-1.846886E-01	0.0	0.0	0.0
8567	G	-2.637132E-02	-9.796251E-03	-1.892323E-01	0.0	0.0	0.0
8569	G	-2.483325E-02	-9.796251E-03	-1.877214E-01	0.0	0.0	0.0
8571	G	-7.095325E-02	0.0	-1.694046E-01	0.0	0.0	0.0
8579	G	-6.840733E-02	0.0	-1.78750E-01	0.0	0.0	0.0
9303	G	4.820850E-02	1.360085E-03	-1.625262E-01	0.0	0.0	0.0
9307	G	4.968362E-02	1.367899E-03	-1.670417E-01	0.0	0.0	0.0



9313	3-311038E-02	2-270075E-04	-1-625284E-01	0.0	0.0
9317	3-665110E-02	1-663369E-04	-1-670465E-01	0.0	0.0
9331	1-121504E-02	-0-039567E-03	-1-601223E-01	0.0	0.0
9333	1-232184E-02	-4-350616E-03	-1-622330E-01	0.0	0.0
9337	1-375930E-02	-1-137872E-03	-1-666506E-01	0.0	0.0
9339	1-387930E-02	-6-157443E-03	-1-681311E-01	0.0	0.0
9341	0-0	-6-052636E-03	-1-516530E-01	0.0	0.0
9343	-1-180691E-02	-6-023791E-03	-1-556927E-01	0.0	0.0
9347	-1-671711E-02	-6-153591E-03	-1-603400E-01	0.0	0.0
9349	0-0	-6-198689E-03	-1-585972E-01	0.0	0.0
9361	-2-796883E-02	-7-292300E-03	-1-493640E-01	0.0	0.0
9363	-2-687489E-02	-7-294916E-03	-1-511053E-01	0.0	0.0
9367	-2-732929E-02	-7-464767E-03	-1-557578E-01	0.0	0.0
9369	-2-501580E-02	-7-462408E-03	-1-572672E-01	0.0	0.0
9371	-4-261832E-02	-6-688506E-03	-1-454287E-01	0.0	0.0
9373	0-0	-6-624218E-03	-1-534188E-01	0.0	0.0
9377	0-0	-8-45241E-03	-1-576621E-01	0.0	0.0
9379	-3-991238E-02	-8-317260E-03	-1-531898E-01	0.0	0.0
11300	7-973716E-03	1-859102E-04	-1-119751E-01	0.0	0.0
11303	3-384510E-02	1-880064E-03	0-0	0.0	0.0
11307	3-534847E-02	1-880064E-03	0-0	0.0	0.0
11531	9-058174E-03	-2-038927E-03	0-0	0.0	0.0
11533	1-019477E-02	-2-102226E-03	-1-000310E-01	0.0	0.0
11537	1-169744E-02	-2-561565E-03	-1-051074E-01	0.0	0.0
11539	1-182309E-02	-2-620804E-03	0-0	0.0	0.0
11543	-1-184454E-02	-6-483592E-03	-1-000509E-01	0.0	0.0
11547	-1-049115E-02	-6-483592E-03	-1-051530E-01	0.0	0.0
11561	-2-852020E-02	-6-649837E-03	-1-000376E-01	0.0	0.0
11563	-2-934317E-02	-6-651569E-03	-1-000519E-01	0.0	0.0
11567	-2-780534E-02	-5-147777E-03	-1-051728E-01	0.0	0.0
11569	-2-477343E-02	-5-146645E-03	-1-076837E-01	0.0	0.0
11571	-6-727014E-02	0-0	-9-292203E-02	0.0	0.0
11579	-5-605029E-02	0-0	-1-307968E-01	0.0	0.0
11700	1-173634E-02	-6-532457E-03	-1-104449E-01	0.0	0.0
13500	-5-592774E-02	-7-852659E-03	-5-518848E-02	0.0	0.0
13601	3-229937E-02	3-329932E-03	-4-268911E-02	0.0	0.0
13603	3-457804E-02	3-576531E-03	-4-361454E-02	0.0	0.0
13607	3-808224E-02	3-588704E-03	-4-800031E-02	0.0	0.0
13609	3-444150E-02	3-397928E-03	-4-944139E-02	0.0	0.0
13621	1-799845E-02	1-749495E-03	-4-263664E-02	0.0	0.0
13623	1-884037E-02	1-698134E-03	-4-359417E-02	0.0	0.0
13627	2-133048E-02	1-611304E-03	-4-797401E-02	0.0	0.0
13629	2-089349E-02	1-542084E-03	-4-993425E-02	0.0	0.0
13631	7-012479E-03	-2-611967E-04	-4-284094E-02	0.0	0.0
13637	6-021164E-03	-3-604429E-04	-4-603686E-02	0.0	0.0
13639	7-447399E-03	-6-177158E-04	-4-847978E-02	0.0	0.0
13641	9-823944E-03	-6-754440E-04	-5-025271E-02	0.0	0.0
13643	0-0	-2-873577E-03	-4-399082E-02	0.0	0.0
13647	-1-167894E-02	-2-740595E-03	-4-443032E-02	0.0	0.0
13649	-1-024001E-02	-2-721294E-03	-4-880521E-02	0.0	0.0
13648	-1-023870E-02	-2-445644E-03	-5-587014E-02	0.0	0.0
13661	0-0	-2-577178E-03	-5-098108E-02	0.0	0.0
13663	-2-842288E-02	-6-035495E-03	-4-650193E-02	0.0	0.0
13667	-2-818220E-02	-6-057128E-03	-4-661935E-02	0.0	0.0
13669	-2-713123E-02	-6-596561E-03	-6-267655E-02	0.0	0.0
13671	-2-635095E-02	-6-634214E-03	-6-571823E-02	0.0	0.0
13679	-5-444411E-02	0-0	-4-470450E-02	0.0	0.0
14801	-7-313440E-02	0-0	-5-233087E-02	0.0	0.0
14803	3-229937E-02	4-041288E-03	-2-540318E-02	0.0	0.0
14807	3-444734E-02	4-272042E-03	-2-673640E-02	0.0	0.0
14809	3-597077E-02	4-02645E-03	-3-111444E-02	0.0	0.0
14821	3-644150E-02	4-196163E-03	-3-229646E-02	0.0	0.0
14823	1-797930E-02	2-134275E-03	-2-695830E-02	0.0	0.0
14827	1-955033E-02	2-212879E-03	-2-673640E-02	0.0	0.0
14829	2-102377E-02	2-569009E-03	-3-111444E-02	0.0	0.0
	2-045440E-02	2-642116E-03	-3-266392E-02	0.0	0.0





18661	-2.422742E-02	-1.798256E-03	4.835493E-02	3.051247E-04	-1.81175E-03	2.789498E-04
18662	-2.618115E-02	-1.767376E-03	4.785247E-02	2.36377E-04	-1.97224E-03	2.72515E-04
18663	-2.970008E-02	-1.727082E-03	4.701523E-02	2.017539E-04	0.0	2.65115E-04
18664	-3.387076E-02	-1.591944E-03	4.537473E-02	0.0	0.0	2.423337E-04
18665	-3.86543E-02	-1.474915E-03	4.404217E-02	0.0	0.0	2.190330E-04
18666	-3.308602E-02	-1.360792E-03	4.271702E-02	0.0	0.0	2.14902E-04
18667	-2.826711E-02	-1.255751E-03	4.134415E-02	2.309493E-04	-2.01173E-03	2.225934E-04
18668	-2.499127E-02	-1.149151E-03	4.010744E-02	2.21704E-04	-1.861164E-03	2.258455E-04
18669	-2.306253E-02	-1.117828E-03	4.010744E-02	1.63154E-04	-1.861164E-03	2.258455E-04
18670	-2.451564E-02	-1.354004E-03	4.010744E-02	0.0	0.0	2.055306E-04
18671	-5.492714E-02	-2.35002E-03	4.010744E-02	0.0	0.0	0.0
18672	-5.428382E-02	-2.169434E-03	4.010744E-02	2.17359E-04	-2.01173E-03	2.258455E-04
18673	-5.304038E-02	-2.000213E-03	4.010744E-02	0.0	0.0	0.0
18674	-5.223830E-02	-1.984809E-03	4.010744E-02	0.0	0.0	0.0
18675	-5.491913E-02	-3.956612E-03	4.010744E-02	0.0	0.0	0.0
18676	-5.299202E-02	-3.616878E-03	4.010744E-02	0.0	0.0	0.0
18677	-7.551134E-03	2.329126E-03	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18678	-6.448004E-03	2.329126E-03	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18679	-6.371520E-03	2.34931E-03	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18680	-5.983930E-03	2.521920E-03	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18681	-5.471155E-03	2.70511E-03	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18682	-5.317360E-03	2.732301E-03	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18683	-5.876389E-03	2.525694E-03	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18684	-1.709380E-02	8.437620E-04	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18685	-1.653081E-02	9.458931E-04	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18686	-1.586590E-02	1.038871E-03	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18687	-1.587487E-02	1.103366E-03	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18688	-2.034235E-02	6.463194E-04	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18689	-1.990475E-02	6.473595E-04	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18690	-1.979093E-02	6.472861E-04	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18691	-1.950460E-02	5.031783E-04	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18692	-1.937820E-02	3.638689E-04	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18693	-1.937899E-02	3.477677E-04	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18694	-1.937029E-02	3.158991E-04	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
18695	-5.476319E-02	5.928220E-04	6.518489E-02	8.511955E-05	-1.35816E-03	1.226031E-04
21187	-5.27230E-02	1.193988E-03	7.505414E-02	0.0	0.0	0.0
21188	-1.261664E-02	7.424692E-03	8.516400E-02	0.0	0.0	0.0
21189	-1.290737E-02	7.222462E-03	8.516400E-02	0.0	0.0	0.0
21190	-1.306210E-02	7.339597E-03	8.516400E-02	0.0	0.0	0.0
21191	-1.400615E-02	7.480741E-03	8.516400E-02	0.0	0.0	0.0
21192	-1.351753E-02	7.403146E-03	8.516400E-02	0.0	0.0	0.0
21193	-5.687164E-03	5.210403E-03	8.586461E-02	2.723974E-04	-1.563375E-03	2.517176E-04
21194	-4.408311E-03	5.207915E-03	8.586461E-02	0.0	0.0	0.0
21195	-3.592002E-03	5.217779E-03	8.586461E-02	0.0	0.0	0.0
21196	-4.515037E-03	5.242437E-03	8.586461E-02	0.0	0.0	0.0
21197	-4.947836E-03	5.244337E-03	8.586461E-02	0.0	0.0	0.0
21198	-1.691492E-02	3.086970E-03	8.586461E-02	0.0	0.0	0.0
21199	-1.518418E-02	3.350780E-03	8.586461E-02	0.0	0.0	0.0
21200	-1.201157E-02	3.442724E-03	8.586461E-02	0.0	0.0	0.0
21201	-1.195979E-02	4.095227E-03	8.586461E-02	0.0	0.0	0.0
21202	-1.446203E-02	4.818855E-03	8.586461E-02	0.0	0.0	0.0
21203	-1.636310E-02	4.449293E-03	8.586461E-02	0.0	0.0	0.0
21204	-5.473476E-02	1.214536E-03	8.586461E-02	0.0	0.0	0.0
21205	-5.269732E-02	1.811891E-03	8.586461E-02	0.0	0.0	0.0
21206	0.0	1.756439E-03	8.586461E-02	0.0	0.0	0.0
21207	1.971468E-02	8.272244E-03	8.586461E-02	0.0	0.0	0.0
21208	2.227489E-02	8.530537E-03	8.586461E-02	0.0	0.0	0.0
21209	2.311764E-02	8.428016E-03	8.586461E-02	0.0	0.0	0.0
21210	2.069764E-02	8.517204E-03	8.586461E-02	0.0	0.0	0.0
21211	1.225978E-02	7.185888E-03	8.586461E-02	0.0	0.0	0.0
21212	1.51177E-02	7.322002E-03	8.586461E-02	0.0	0.0	0.0
21213	1.550764E-02	7.446051E-03	8.586461E-02	0.0	0.0	0.0
21214	1.330194E-02	7.546043E-03	8.586461E-02	0.0	0.0	0.0
21215	1.319984E-02	7.641844E-03	8.586461E-02	0.0	0.0	0.0
21216	1.737004E-02	8.283153E-03	8.586461E-02	0.0	0.0	0.0
21217	1.827662E-02	7.983077E-03	8.586461E-02	0.0	0.0	0.0
22318						

22701	G	1-911274-02	8-320954-03	9-038337E-02	0-0	0-0	0-0
22703	G	2-117141E-02	4-442659E-03	9-803659E-02	0-0	0-0	0-0
22707	G	2-191470E-02	8-864249E-03	9-575152E-02	0-0	0-0	0-0
22709	G	2-000142E-02	4-536115E-03	9-473741E-02	0-0	0-0	0-0
22721	G	1-183964E-02	7-680742E-03	9-867856E-02	0-0	0-0	0-0
22723	G	1-207054E-02	7-578116E-03	9-808532E-02	0-0	0-0	0-0
22725	G	1-104694E-02	7-592585E-03	9-703732E-02	0-0	0-0	0-0
22727	G	1-286120E-02	7-644116E-03	9-527671E-02	0-0	0-0	0-0
22729	G	1-281391E-02	7-489434E-03	9-448320E-02	0-0	0-0	0-0
23100	G	-2-370311E-02	5-900722E-03	1-031096E-01	0-0	0-0	0-0
25001	G	1-364147E-02	9-150229E-03	1-163446E-01	0-0	0-0	0-0
25003	G	1-564702E-02	9-457853E-03	1-156688E-01	0-0	0-0	0-0
25007	G	1-605530E-02	9-637505E-03	1-140538E-01	0-0	0-0	0-0
25009	G	1-441050E-02	9-312518E-03	1-133334E-01	0-0	0-0	0-0
25021	G	8-650249E-03	9-076621E-03	1-172765E-01	0-0	0-0	0-0
25025	G	8-175988E-03	8-280512E-03	1-149314E-01	0-0	0-0	0-0
25029	G	9-441800E-03	8-667525E-03	1-132270E-01	0-0	0-0	0-0
25041	G	-3-904088E-05	6-061621E-03	1-174986E-01	0-0	0-0	0-0
25045	G	0-0	6-304074E-03	1-153804E-01	0-0	0-0	0-0
25049	G	-3-898649E-04	6-536617E-03	1-132464E-01	0-0	0-0	0-0
25061	G	-6-389763E-03	5-003802E-03	1-175594E-01	0-0	0-0	0-0
25065	G	-5-046073E-03	4-990309E-03	1-156472E-01	0-0	0-0	0-0
25069	G	-6-898239E-03	4-973634E-03	1-134015E-01	0-0	0-0	0-0
26801	G	1-176842E-02	9-625524E-03	1-235119E-01	0-0	0-0	0-0
26809	G	1-228816E-02	9-951192E-03	1-221231E-01	0-0	0-0	0-0
26821	G	4-861429E-03	4-555193E-03	1-247882E-01	0-0	0-0	0-0
26825	G	4-798625E-03	8-521248E-03	1-228167E-01	0-0	0-0	0-0
26829	G	5-780637E-03	8-480448E-03	1-217991E-01	0-0	0-0	0-0
26841	G	1-263755E-03	6-662905E-03	1-247416E-01	0-0	0-0	0-0
26845	G	0-0	6-650858E-03	1-230658E-01	0-0	0-0	0-0
26849	G	4-819890E-04	6-442800E-03	1-216423E-01	0-0	0-0	0-0
26861	G	-1-258862E-03	5-207803E-03	1-247873E-01	0-0	0-0	0-0
26865	G	-2-657168E-03	5-096629E-03	1-231736E-01	0-0	0-0	0-0
26869	G	-2-264619E-03	4-979242E-03	1-215894E-01	0-0	0-0	0-0
29905	G	6-370822E-04	7-154975E-03	1-192985E-01	0-0	0-0	0-0
29921	G	-4-269965E-03	6-793140E-03	1-203276E-01	0-0	0-0	0-0
29925	G	3-866595E-04	8-09022E-03	1-193830E-01	0-0	0-0	0-0
29929	G	-6-197095E-03	6-783180E-03	1-182676E-01	0-0	0-0	0-0
29941	G	1-719727E-03	5-682260E-03	1-209146E-01	0-0	0-0	0-0
29945	G	0-0	5-703691E-03	1-192731E-01	0-0	0-0	0-0
29949	G	7-178129E-04	5-726583E-03	1-185459E-01	0-0	0-0	0-0
29961	G	7-934492E-03	4-622254E-03	1-211171E-01	0-0	0-0	0-0
29965	G	1-425156E-03	4-593197E-03	1-196243E-01	0-0	0-0	0-0
29969	G	5-947545E-03	4-622284E-03	1-190137E-01	0-0	0-0	0-0
30045	G	9-467674E-04	5-682364E-03	1-196706E-01	0-0	0-0	0-0
31745	G	1-909058E-03	3-889338E-03	1-063369E-01	0-0	0-0	0-0
33845	G	3-734105E-03	1-261604E-03	7-921434E-02	0-0	0-0	0-0
35945	G	6-402869E-03	-2-340164E-03	3-880661E-02	0-0	0-0	0-0
38045	G	1-008495E-02	-6-112486E-03	-1-777136E-02	0-0	0-0	0-0
40141	G	2-372819E-02	-1-097625E-02	-1-003794E-01	0-0	0-0	0-0
40142	G	2-066959E-02	-1-097625E-02	-9-760159E-02	0-0	0-0	0-0
40143	G	1-753667E-02	-1-097625E-02	-9-530693E-02	0-0	0-0	0-0
40145	G	1-500993E-02	-1-097701E-02	-9-422505E-02	0-0	0-0	0-0
40147	G	1-250944E-02	-1-097625E-02	-9-428316E-02	0-0	0-0	0-0
40148	G	9-726238E-03	-1-097625E-02	-9-312839E-02	0-0	0-0	0-0
40149	G	7-196937E-03	-1-097625E-02	-9-370351E-02	0-0	0-0	0-0
42245	G	2-134791E-02	-8-666195E-02	-1-734505E-01	0-0	0-0	0-0
42345	G	2-923065E-02	-3-32827E-02	-1-733684E-01	0-0	0-0	0-0
45245	G	3-314228E-02	-2-264806E-02	-3-790797E-01	0-0	0-0	0-0
46445	G	3-863833E-02	-3-096598E-02	-4-558991E-01	0-0	0-0	0-0
48045	G	1-586397E-01	-3-051010E-02	-5-020294E-01	0-0	0-0	0-0
48845	G	2-250156E-01	-2-986877E-02	-6-589101E-01	0-0	0-0	0-0
49745	G	2-939773E-01	-2-881246E-02	-7-302911E-01	0-0	0-0	0-0
50645	G	3-640652E-01	-2-723481E-02	-8-028645E-01	0-0	0-0	0-0
51545	G	4-351544E-01	-2-492131E-02	-8-763593E-01	0-0	0-0	0-0
52045	G	5-089511E-01	-9-095814E-03	-9-203784E-01	0-0	0-0	0-0
53745	G	1-068672E-04	8-867430E-05	6-57142E-05	0-0	0-0	0-0
53746	G	1-372927E-04	4-085584E-05	6-867430E-05	0-0	0-0	0-0
53747	G	1-750959E-04	5-145289E-06	4-085584E-05	0-0	0-0	0-0
53748	G	2-158564E-04	-6-220170E-05	3-119583E-03	0-0	0-0	0-0
53749	G	-2-981455E-04	-2-848818E-04	4-164807E-03	0-0	0-0	0-0
53750	G	-2-876963E-04	-2-389830E-04	4-164807E-03	0-0	0-0	0-0
53751	G	-2-702123E-04	-1-621840E-04	4-164807E-03	0-0	0-0	0-0
53752	G	-2-575337E-04	-1-033621E-04	4-164807E-03	0-0	0-0	0-0
53753	G	-2-460646E-04	-4-846096E-05	4-164807E-03	0-0	0-0	0-0
53754	G	-2-342430E-04	2-211332E-05	4-164807E-03	0-0	0-0	0-0
53755	G	-2-229230E-04	6-79188E-05	4-164807E-03	0-0	0-0	0-0
53756	G	-2-119583E-04	-1-868732E-04	4-164807E-03	0-0	0-0	0-0
53757	G	-2-003794E-04	-3-527836E-04	4-164807E-03	0-0	0-0	0-0
53758	G	-1-859170E-04	-4-40814E-04	4-164807E-03	0-0	0-0	0-0
53759	G	-1-739794E-04	-1-037974E-03	4-164807E-03	0-0	0-0	0-0
53760	G	-1-621840E-04	-1-523714E-03	4-164807E-03	0-0	0-0	0-0
53761	G	-1-503794E-04	-2-083232E-03	4-164807E-03	0-0	0-0	0-0
53762	G	-1-389830E-04	-2-76281E-03	4-164807E-03	0-0	0-0	0-0
53763	G	-1-27020E-04	-2-76281E-03	4-164807E-03	0-0	0-0	0-0
53764	G	-1-158564E-04	-3-567845E-03	4-164807E-03	0-0	0-0	0-0
53765	G	-1-063369E-04	-4-163619E-03	4-164807E-03	0-0	0-0	0-0

61912	-2.292590E-02	-1.589342E-03	4.880496E-02	3.191952E-04	-1.645015E-03	-7.684576E-04
61913	-2.075724E-02	-1.478550E-03	4.880496E-02	3.191952E-04	-1.645015E-03	-7.684576E-04
61914	-1.874702E-02	-1.397733E-03	4.880496E-02	3.191952E-04	-1.645015E-03	-7.684576E-04
61915	-1.231311E-02	1.697663E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61916	-1.093240E-02	4.767280E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61917	-9.292379E-03	8.650965E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61918	-1.842844E-02	6.703751E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61919	-1.722982E-02	7.415784E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61920	-1.612654E-02	8.071131E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61921	-8.559988E-03	2.305555E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61922	-7.104549E-03	2.401042E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61923	-6.105274E-03	2.564447E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61924	-7.102627E-03	4.400759E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61925	-6.101836E-03	5.226616E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61926	-5.007219E-03	5.692406E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61927	-2.336900E-02	-2.117078E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61928	-2.084720E-02	-1.505638E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61929	-1.095979E-02	5.316848E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61930	-8.931093E-03	1.059070E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61931	-2.017312E-02	1.479728E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61932	-1.644931E-02	4.478800E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61933	-9.013921E-03	2.395524E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61934	-6.225102E-03	2.855290E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61935	-9.358529E-03	4.541468E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61936	-6.176319E-03	5.642407E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61937	-2.404909E-02	-2.020254E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61938	-1.070335E-02	9.810745E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61939	-2.098859E-02	1.815775E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61940	-7.983916E-03	2.921729E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61941	-1.098210E-02	4.397154E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61942	-7.886955E-03	5.296800E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61943	-2.485919E-02	-1.897024E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61944	-1.263339E-02	9.827043E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61945	-2.184035E-02	2.401589E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61946	-9.821855E-03	2.936249E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61947	-1.264236E-02	6.259542E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61948	-9.624969E-03	5.025744E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61949	-2.596249E-02	-1.736348E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61950	-1.531398E-02	9.561975E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61951	-2.296645E-02	3.306514E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61952	-1.241099E-02	2.909543E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61953	-1.497212E-02	-0.02597E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61954	-1.210313E-02	4.715223E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61955	-2.697405E-02	-1.582999E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61956	-1.787822E-02	8.802614E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61957	-2.400766E-02	4.321584E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61958	-1.490883E-02	2.830547E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61959	-1.720111E-02	3.710116E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61960	-1.447780E-02	4.421901E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61961	-2.793847E-02	-1.391032E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61962	-2.040702E-02	7.219659E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61963	-2.501320E-02	5.845458E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61964	-1.736614E-02	2.683299E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61965	-1.939255E-02	3.406045E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61966	-1.681963E-02	4.102379E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61967	-2.177382E-02	-1.097031E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61968	-1.968265E-02	9.390160E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61969	-1.735882E-02	7.347155E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61970	-1.02028E-02	4.089418E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61971	-8.638080E-03	5.875907E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61972	-7.765461E-03	5.875907E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61973	-1.718034E-02	8.476931E-04	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61974	-1.589350E-02	1.169253E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61975	-1.470884E-02	1.446235E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61976	-5.599501E-03	7.258672E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04
61977	-5.553406E-03	2.472808E-03	4.877463E-02	3.266346E-04	1.379331E-03	-5.291202E-04

71928	G	-3.984261E-03	2.794017E-01	3.427841E-02	3.149058E-04	-1.538373E-03	1.427119E-04
71936	G	-5.981013E-03	5.369720E-01	4.092105E-02	-1.862044E-04	-1.444216E-03	2.113474E-04
71935	G	-5.056717E-03	5.244548E-01	4.092105E-02	-1.862044E-04	-1.444216E-03	6.840498E-05
71936	G	-4.045766E-03	5.107008E-01	4.092105E-02	0.0	0.0	2.830249E-04
72211	G	-2.151246E-02	7.187681E-04	4.097518E-02	6.463700E-03	-1.795553E-03	2.337794E-04
72213	G	-1.879280E-02	7.187681E-04	4.097518E-02	6.463700E-03	-1.795553E-03	2.337794E-04
72213	G	-8.118688E-03	4.864674E-04	4.101928E-02	-5.096137E-05	-1.605483E-03	1.676789E-04
72219	G	-5.962249E-03	8.210620E-04	4.102135E-02	0.0	0.0	0.0
72219	G	-1.613669E-02	1.017186E-03	5.75342E-02	-1.5583E-04	-1.529151E-03	1.575519E-04
72274	G	-1.618075E-02	1.547621E-03	5.75342E-02	-1.5583E-04	-1.529151E-03	1.575519E-04
72226	G	-1.128166E-03	2.363455E-03	5.75342E-02	-1.5583E-04	-1.529151E-03	1.575519E-04
72229	G	-8.128644E-03	2.820373E-03	5.75342E-02	-1.5583E-04	-1.529151E-03	1.575519E-04
72231	G	-6.44912E-03	5.226266E-03	5.75342E-02	-1.5583E-04	-1.529151E-03	1.575519E-04
72239	G	-3.223669E-03	5.164117E-03	5.75342E-02	-1.5583E-04	-1.529151E-03	1.575519E-04
72239	G	-2.050513E-02	6.438173E-04	4.228849E-02	0.0	0.0	0.0
72819	G	-1.128296E-03	7.176680E-04	4.228849E-02	0.0	0.0	0.0
72819	G	-1.727786E-02	1.226831E-03	5.813577E-02	0.0	0.0	0.0
72829	G	-3.112938E-03	2.777684E-03	5.813577E-02	0.0	0.0	0.0
72831	G	-6.413608E-03	5.124331E-03	8.171782E-02	0.0	0.0	0.0
72839	G	-3.044895E-03	5.236231E-03	8.171782E-02	0.0	0.0	0.0
73411	G	-1.549626E-02	8.233946E-04	4.354371E-02	0.0	0.0	0.0
73419	G	-6.272342E-03	8.233946E-04	4.354371E-02	0.0	0.0	0.0
73421	G	-1.623736E-02	1.516223E-03	4.354371E-02	0.0	0.0	0.0
73429	G	-3.213602E-03	2.786250E-03	5.899044E-02	0.0	0.0	0.0
73431	G	-6.267570E-03	4.999441E-03	5.899044E-02	0.0	0.0	0.0
73439	G	-2.942931E-03	5.225945E-03	8.106971E-02	0.0	0.0	0.0
74211	G	-1.802332E-02	4.338623E-05	4.539847E-02	0.0	0.0	0.0
74219	G	-6.431656E-03	4.259013E-04	4.539847E-02	0.0	0.0	0.0
74221	G	-4.476688E-02	1.861993E-03	6.011557E-02	0.0	0.0	0.0
74229	G	-3.254341E-03	2.557279E-03	6.011557E-02	0.0	0.0	0.0
74231	G	-6.044321E-03	4.036713E-03	6.011557E-02	0.0	0.0	0.0
74239	G	-2.911534E-03	3.127765E-03	8.000523E-02	0.0	0.0	0.0
75011	G	-1.654703E-02	3.317699E-04	4.732914E-02	0.0	0.0	0.0
75019	G	-6.560024E-03	1.081388E-03	4.732914E-02	0.0	0.0	0.0
75021	G	-1.328988E-02	2.189698E-03	6.145460E-02	0.0	0.0	0.0
75029	G	-3.285072E-03	2.952887E-03	6.145460E-02	0.0	0.0	0.0
75031	G	-5.402713E-03	4.801356E-03	7.904777E-02	0.0	0.0	0.0
75039	G	-2.806034E-03	5.018529E-03	7.904777E-02	0.0	0.0	0.0
75911	G	-1.503082E-02	6.948723E-04	4.938215E-02	0.0	0.0	0.0
75919	G	-6.666671E-03	1.247552E-03	4.938215E-02	0.0	0.0	0.0
75921	G	-1.177555E-02	2.485905E-03	6.289095E-02	0.0	0.0	0.0
75929	G	-1.277213E-03	3.104137E-03	6.289095E-02	0.0	0.0	0.0
75931	G	-5.518188E-03	4.725065E-03	7.817954E-02	0.0	0.0	0.0
75939	G	-2.677071E-03	4.721414E-03	7.817954E-02	0.0	0.0	0.0
122400	G	-1.432626E-02	2.443877E-03	9.507358E-02	-1.240697E-04	-1.544348E-03	2.067094E-04
123467	G	-6.524492E-03	6.759616E-03	9.507358E-02	-1.240697E-04	-1.544348E-03	2.067094E-04
123487	G	-1.158119E-02	2.657236E-03	1.010361E-01	0.0	0.0	0.0
124800	G	-1.432626E-02	1.460875E-03	1.127566E-01	0.0	0.0	0.0
125064	G	-6.125003E-03	5.003802E-03	1.171507E-01	0.0	0.0	0.0
125064	G	-5.267531E-03	4.990309E-03	1.171507E-01	0.0	0.0	0.0
125067	G	-6.711295E-03	4.978634E-03	1.134015E-01	0.0	0.0	0.0
125383	G	-9.740641E-03	2.051643E-03	1.183355E-01	0.0	0.0	0.0
125387	G	-1.070544E-02	2.051643E-03	1.183355E-01	0.0	0.0	0.0
126863	G	-1.712768E-03	5.207803E-03	1.491414E-01	0.0	0.0	0.0
127200	G	-2.392045E-03	4.979242E-03	1.242625E-01	0.0	0.0	0.0
189073	G	-5.609344E-02	2.952443E-04	1.310015E-01	1.466778E-04	-7.377395E-04	-4.112966E-05
200070	G	-5.265646E-02	2.952443E-04	6.301618E-02	1.466778E-04	-7.377395E-04	-4.112966E-05
200078	G	-3.305202E-02	1.007503E-03	6.501377E-02	1.466778E-04	-7.377395E-04	-4.112966E-05
200078	G	-5.437404E-02	1.554732E-03	6.501377E-02	1.466778E-04	-7.377395E-04	-4.112966E-05
200078	G	-5.462727E-02	1.583261E-03	6.502223E-02	1.466778E-04	-7.377395E-04	-4.112966E-05
200086	G	-5.723011E-02	1.792210E-03	6.504291E-02	1.466778E-04	-7.377395E-04	-4.112966E-05
200087	G	-5.572198E-02	1.715438E-03	6.504291E-02	1.466778E-04	-7.377395E-04	-4.112966E-05
200095	G	-5.650501E-02	1.943850E-03	6.504291E-02	1.466778E-04	-7.377395E-04	-4.112966E-05
200096	G	-5.682927E-02	1.864887E-03	6.504291E-02	1.466778E-04	-7.377395E-04	-4.112966E-05
200101	G	-5.748169E-02	1.959714E-03	6.504291E-02	1.466778E-04	-7.377395E-04	-4.112966E-05

200100	G	-5.44070E-02	6.511497E-02	-2.121918E-05	7.349201E-04	1.389414E-04
200110	G	-4.60700E-02	6.516094E-02	-4.233465E-05	1.211033E-03	1.389414E-04
200120	G	-3.64270E-02	6.520110E-02	-5.784264E-05	1.562573E-03	1.389414E-04
200129	G	-2.308140E-02	6.527795E-04	-7.194604E-05	1.883299E-03	1.389414E-04
200137	G	-1.031167E-03	6.534736E-02	-8.194530E-05	2.111444E-03	1.389414E-04
200145	G	1.054472E-02	6.534736E-02	-8.194530E-05	2.247142E-03	1.389414E-04
200153	G	2.611774E-02	6.534736E-02	-8.194530E-05	2.247142E-03	1.389414E-04
200155	G	3.317938E-02	6.534736E-02	-8.194530E-05	2.247142E-03	1.389414E-04
211001	G	7.865353E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
211002	G	7.330264E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
211073	G	-5.609344E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
211077	G	-5.265464E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
214075	G	-5.437404E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
214901	G	7.865353E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
214902	G	7.330264E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
215101	G	4.103569E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
215102	G	3.703981E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
215201	G	3.048394E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
215202	G	2.845726E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
222001	G	7.860279E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
222002	G	7.295716E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
222201	G	3.353862E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
222202	G	3.095573E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
222301	G	1.827662E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
222302	G	1.717008E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
223401	G	7.860279E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
223402	G	7.295716E-02	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520018	G	5.158074E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520024	G	5.181636E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520057	G	5.307866E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520065	G	5.386678E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520068	G	5.354051E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520079	G	5.400336E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520079	G	5.400336E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520135	G	5.672766E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520139	G	5.694184E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520152	G	5.763003E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04
520185	G	5.936570E-01	6.524706E-02	-5.603875E-04	-1.918975E-03	1.389414E-04

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-7.030074E-03	-3.135459E-03	6.553042E-02	0.0	0.0	0.0
3339	G	-6.800797E-03	-1.126312E-03	6.277180E-02	0.0	0.0	0.0
3341	G	-2.446645E-03	-5.679246E-03	6.623703E-02	0.0	0.0	0.0
3349	G	-2.602479E-03	-5.680622E-03	6.203333E-02	0.0	0.0	0.0
6631	G	-7.182484E-03	-2.817822E-03	5.881263E-02	0.0	0.0	0.0
6633	G	-9.431109E-03	-1.819035E-03	5.814796E-02	0.0	0.0	0.0
6637	G	-8.946372E-03	-1.804427E-03	5.308478E-02	0.0	0.0	0.0
6639	G	-6.854873E-03	-2.819764E-03	5.240921E-02	0.0	0.0	0.0
6641	G	-2.439931E-03	-6.937060E-03	5.907394E-02	0.0	0.0	0.0
6649	G	-2.084565E-03	-6.907325E-03	5.217838E-02	0.0	0.0	0.0
6661	G	3.076878E-03	-7.154286E-03	5.834455E-02	0.0	0.0	0.0
6669	G	2.962701E-03	-1.132620E-03	5.292725E-02	0.0	0.0	0.0
6123	G	-1.300269E-02	-1.237863E-03	4.769091E-02	0.0	0.0	0.0
6127	G	-1.232331E-02	-1.399645E-03	4.257444E-02	0.0	0.0	0.0
6131	G	-9.541231E-03	-1.374786E-03	4.879953E-02	0.0	0.0	0.0
6133	G	-9.369473E-03	-1.364371E-03	4.767900E-02	0.0	0.0	0.0
6137	G	-8.601904E-03	-1.314163E-03	4.257122E-02	0.0	0.0	0.0
6139	G	-8.722536E-03	-1.303487E-03	4.165972E-02	0.0	0.0	0.0
6141	G	-4.300728E-03	-3.926452E-03	4.907589E-02	0.0	0.0	0.0
6143	G	-4.037742E-03	-3.927734E-03	4.767151E-02	0.0	0.0	0.0
6147	G	-3.940452E-03	-3.927734E-03	4.259794E-02	0.0	0.0	0.0
6149	G	-3.876300E-03	-3.074450E-03	4.166675E-02	0.0	0.0	0.0
6161	G	-5.683864E-03	-5.728718E-03	4.913304E-02	0.0	0.0	0.0
6163	G	-3.607767E-04	-6.42874E-03	4.766950E-02	0.0	0.0	0.0
6167	G	-4.710483E-03	-6.42874E-03	4.263590E-02	0.0	0.0	0.0
6169	G	-6.650616E-03	-4.710483E-03	4.126194E-02	0.0	0.0	0.0
6171	G	-6.162345E-03	-4.390687E-03	5.285724E-02	0.0	0.0	0.0
6179	G	-5.405526E-03	-2.384103E-03	4.774470E-02	0.0	0.0	0.0
7031	G	-9.556624E-03	-1.065312E-03	0.0	0.0	0.0	0.0
7033	G	-9.314064E-03	-1.076251E-03	4.134117E-02	0.0	0.0	0.0
7037	G	-8.778840E-03	-1.076251E-03	3.688597E-02	0.0	0.0	0.0
7039	G	-8.644659E-03	0.0	0.0	0.0	0.0	0.0
7043	G	-3.867459E-03	0.0	4.128455E-02	0.0	0.0	0.0
7047	G	-3.812219E-03	0.0	3.677372E-02	0.0	0.0	0.0
7061	G	-4.742385E-04	-5.784307E-03	4.101913E-02	0.0	0.0	0.0
7063	G	-4.567861E-05	-5.784307E-03	4.126896E-02	0.0	0.0	0.0
7067	G	-6.912452E-05	-3.15011E-03	3.672655E-02	0.0	0.0	0.0
7069	G	1.565599E-04	-3.16339E-03	3.231090E-02	0.0	0.0	0.0
7071	G	4.002125E-03	0.0	4.058880E-02	0.0	0.0	0.0
7079	G	7.652663E-03	0.0	3.127569E-02	0.0	0.0	0.0
7505	G	-1.964050E-02	2.391195E-03	3.578516E-02	-04	7.066703E-04	2.676040E-03
8300	G	8.369760E-03	-5.941518E-03	3.043334E-02	0.0	0.0	0.0
8531	G	-9.269834E-03	-6.717420E-04	0.0	0.0	0.0	0.0
8533	G	-9.314049E-03	-6.840281E-04	3.111565E-02	0.0	0.0	0.0
8537	G	-8.778840E-03	-6.840281E-04	2.666045E-02	0.0	0.0	0.0
8539	G	-8.405209E-03	-7.065414E-04	0.0	0.0	0.0	0.0
8543	G	-3.632369E-03	0.0	3.111532E-02	0.0	0.0	0.0
8547	G	-3.566771E-03	0.0	2.670135E-02	0.0	0.0	0.0
8561	G	-6.143667E-04	-6.678745E-03	3.124313E-02	0.0	0.0	0.0
8563	G	5.181006E-04	-6.688431E-03	3.113940E-02	0.0	0.0	0.0
8567	G	3.513957E-04	-2.671482E-02	2.671482E-02	0.0	0.0	0.0
8569	G	1.981753E-04	-2.670705E-03	2.320390E-02	0.0	0.0	0.0
8571	G	7.371546E-03	0.0	3.069857E-02	0.0	0.0	0.0
8579	G	6.753854E-03	0.0	2.226814E-02	0.0	0.0	0.0
9303	G	-6.901607E-03	3.959699E-03	2.514948E-02	0.0	0.0	0.0
9307	G	-7.543206E-03	3.949816E-03	2.135597E-02	0.0	0.0	0.0



9313	-3.01742E-03	2.515575E-02	0.0	0.0	0.0
9317	-3.51717E-03	2.134888E-02	0.0	0.0	0.0
9331	-9.00000E-04	2.618858E-02	0.0	0.0	0.0
9333	-9.15094E-03	2.514469E-02	0.0	0.0	0.0
9337	-9.51706E-03	2.120188E-02	0.0	0.0	0.0
9339	-9.10097E-03	1.942730E-02	0.0	0.0	0.0
9341	0.0	2.291242E-02	0.0	0.0	0.0
9343	-3.44121E-03	2.357317E-02	0.0	0.0	0.0
9347	1.31067E-03	1.975507E-02	0.0	0.0	0.0
9349	0.0	1.649242E-02	0.0	0.0	0.0
9363	-9.83921E-04	2.390063E-02	0.0	0.0	0.0
9367	5.846058E-04	2.247368E-02	0.0	0.0	0.0
9369	3.028966E-04	1.877378E-02	0.0	0.0	0.0
9371	-1.303820E-04	1.702870E-02	0.0	0.0	0.0
9373	2.712878E-03	2.284595E-02	0.0	0.0	0.0
9377	0.0	2.183270E-02	0.0	0.0	0.0
9379	0.0	1.819021E-02	0.0	0.0	0.0
11300	2.725293E-03	1.627013E-02	0.0	0.0	0.0
11303	1.719343E-03	1.458126E-02	0.0	0.0	0.0
11307	-3.851391E-03	0.0	0.0	0.0	0.0
11331	-7.690854E-03	0.0	0.0	0.0	0.0
11333	-7.835366E-03	1.010396E-02	0.0	0.0	0.0
11337	-7.355981E-03	7.738814E-03	0.0	0.0	0.0
11339	-7.017542E-03	0.0	0.0	0.0	0.0
11343	-3.375116E-03	1.011633E-02	0.0	0.0	0.0
11347	-3.133534E-03	7.60305E-03	0.0	0.0	0.0
11361	-1.018251E-03	1.091995E-02	0.0	0.0	0.0
11363	2.527195E-04	1.012042E-02	0.0	0.0	0.0
11367	-8.271341E-05	7.775157E-03	0.0	0.0	0.0
11369	-4.405475E-04	6.631047E-03	0.0	0.0	0.0
11371	5.703926E-03	1.093556E-02	0.0	0.0	0.0
11379	4.427955E-03	6.503917E-03	0.0	0.0	0.0
11380	6.866164E-04	1.100192E-02	0.0	0.0	0.0
13500	-3.318964E-04	8.123810E-04	0.0	0.0	0.0
13601	-6.149817E-03	-7.218942E-04	0.0	0.0	0.0
13603	-6.224714E-03	-1.259708E-03	0.0	0.0	0.0
13607	-4.443239E-03	-2.718381E-03	0.0	0.0	0.0
13609	-4.455451E-03	-3.116878E-03	0.0	0.0	0.0
13621	-3.539774E-03	-5.004865E-04	0.0	0.0	0.0
13623	-4.149400E-03	-1.251239E-03	0.0	0.0	0.0
13627	-4.248478E-03	-2.678231E-03	0.0	0.0	0.0
13629	-4.093613E-03	-3.221205E-03	0.0	0.0	0.0
13631	-6.426618E-03	-2.477970E-04	0.0	0.0	0.0
13633	-5.374160E-03	-9.247444E-04	0.0	0.0	0.0
13637	-5.269878E-03	-2.356005E-03	0.0	0.0	0.0
13639	-5.952284E-03	-3.126099E-03	0.0	0.0	0.0
13641	0.0	1.791107E-04	0.0	0.0	0.0
13643	-3.333472E-03	-6.610989E-04	0.0	0.0	0.0
13647	-3.232734E-03	-2.155916E-03	0.0	0.0	0.0
13649	-3.282209E-03	-1.277269E-03	0.0	0.0	0.0
13661	0.0	-6.331040E-04	0.0	0.0	0.0
13663	-1.001056E-03	-5.366704E-04	0.0	0.0	0.0
13667	-1.307111E-03	-5.421508E-04	0.0	0.0	0.0
13669	-9.825174E-04	-2.615789E-04	0.0	0.0	0.0
13671	-6.564223E-04	-6.017096E-04	0.0	0.0	0.0
13679	2.182347E-03	5.786065E-04	0.0	0.0	0.0
13681	2.531305E-03	-2.701143E-04	0.0	0.0	0.0
14801	-4.149817E-03	-1.624940E-03	0.0	0.0	0.0
14803	-4.155181E-03	-1.992253E-03	0.0	0.0	0.0
14807	-4.311088E-03	-3.328724E-03	0.0	0.0	0.0
14809	-4.455451E-03	-3.713037E-03	0.0	0.0	0.0
14821	-3.594210E-03	-1.499461E-03	0.0	0.0	0.0
14823	-4.013047E-03	-1.992253E-03	0.0	0.0	0.0
14827	-4.120458E-03	-3.328724E-03	0.0	0.0	0.0
14829	-4.125424E-03	-3.819072E-03	0.0	0.0	0.0



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18661	G	-2.812599E-03	-6.73889E-04	-1.087953E-03	3.487250E-05	6.375338E-05	2.119849E-04
18662	G	-2.403042E-03	-5.718370E-04	-1.151779E-03	3.120273E-05	7.687169E-05	2.001271E-04
18663	G	-1.718211E-03	-9.722794E-04	-1.261751E-03	2.971497E-05	8.941404E-05	1.917718E-04
18664	G	-7.213645E-04	-9.652330E-04	-1.472630E-03	0.0	0.0	1.066398E-04
18665	G	-6.240910E-04	-9.598189E-04	-1.665842E-03	0.0	0.0	-8.560314E-04
18666	G	-8.638259E-04	-9.559821E-04	-1.662091E-03	0.0	0.0	-1.451765E-04
18667	G	-2.291792E-03	-9.538366E-04	-2.097893E-03	3.617641E-05	1.474747E-04	-2.922697E-04
18668	G	-3.338826E-03	-9.538944E-04	-2.229087E-03	3.674772E-05	1.069464E-04	-3.086552E-04
18669	G	-3.974795E-03	-9.54664E-04	-2.299976E-03	3.480570E-05	7.131805E-05	-3.256410E-04
18670	G	-9.337107E-04	-1.327229E-03	-1.138486E-03	0.0	0.0	0.0
18671	G	-6.015648E-04	-1.327948E-03	-1.268821E-03	2.971497E-05	6.271478E-05	2.249306E-04
18672	G	-5.110302E-04	-1.363843E-03	-1.659685E-03	0.0	0.0	0.0
18673	G	-6.144845E-04	-1.387421E-03	-2.104115E-03	1.331414E-04	0.0	0.0
18674	G	-2.231499E-03	-1.394188E-03	-2.334184E-03	0.0	0.0	0.0
18675	G	-7.014170E-04	-1.240649E-03	-2.281088E-03	0.0	0.0	0.0
18676	G	-6.118112E-04	-1.297202E-03	-2.147633E-03	0.0	0.0	0.0
18677	G	-2.590456E-03	-1.235676E-04	-4.575723E-04	1.990824E-05	-6.647567E-05	-1.520030E-05
18678	G	-2.679777E-03	-1.32987E-04	-6.575723E-04	1.313952E-05	-5.730212E-05	-1.679915E-05
18679	G	-2.717948E-03	-1.30485E-04	-6.036875E-04	0.0	0.0	-1.837218E-05
18680	G	-2.885677E-03	-1.401693E-04	-7.265793E-04	0.0	0.0	-2.596622E-05
18681	G	-3.097299E-03	-1.507635E-04	-8.677702E-04	0.0	0.0	-2.945626E-05
18682	G	-3.162778E-03	-1.544030E-04	-8.059312E-04	0.0	0.0	-3.086678E-05
18683	G	-3.455249E-03	-1.569416E-04	-1.043272E-03	1.741006E-05	-8.596171E-05	-2.064374E-05
18684	G	-2.922626E-03	-7.080079E-04	-1.633395E-04	1.878204E-05	-9.342101E-05	-2.114172E-05
18685	G	-3.117059E-03	-5.779672E-04	-5.748568E-04	2.552724E-05	-5.500310E-05	-2.746417E-05
18686	G	-3.805395E-03	-1.031758E-03	-9.073331E-04	1.054804E-05	-6.262423E-05	-3.604849E-05
18687	G	-4.111018E-03	-1.031758E-03	-1.051774E-03	2.065131E-05	-8.950492E-05	-3.604849E-05
18688	G	-3.062898E-03	-2.760900E-05	-4.638718E-04	1.474966E-05	-5.07657E-04	-4.394587E-05
18689	G	-3.274524E-03	-3.199207E-05	-5.748933E-04	1.344901E-05	-5.791574E-05	-2.755474E-05
18690	G	-3.337614E-03	-3.363789E-05	-5.748933E-04	1.461124E-05	-6.419846E-05	-6.796042E-05
18691	G	-3.606915E-03	-4.048576E-05	-7.252835E-04	0.0	0.0	-3.017942E-05
18692	G	-3.931288E-03	-5.111042E-05	-8.677702E-04	0.0	0.0	-3.765844E-05
18693	G	-4.028670E-03	-5.452477E-05	-9.084568E-04	1.930834E-05	-8.592552E-05	-4.406438E-05
18694	G	-4.379194E-03	-6.026382E-05	-1.052373E-03	1.930834E-05	-8.592552E-05	-4.406438E-05
18695	G	-8.156779E-04	-1.283705E-03	-1.628789E-03	1.779792E-05	-1.099431E-04	-4.596927E-05
18696	G	-6.418150E-04	-1.301241E-03	-2.210156E-03	0.0	9.170175E-05	1.670761E-04
18697	G	-1.837281E-03	-4.749657E-04	-1.284115E-03	0.0	1.284447E-04	1.720118E-04
18698	G	-2.246077E-03	-4.587036E-04	-1.398487E-03	0.0	0.0	0.0
18699	G	-2.552436E-03	-4.377309E-04	-1.602983E-03	0.0	0.0	0.0
18700	G	-2.877418E-03	-4.267788E-04	-1.665946E-03	0.0	0.0	0.0
18701	G	-2.975575E-03	-4.26554E-04	-2.158900E-03	0.0	0.0	0.0
18702	G	-2.732356E-03	-1.528084E-03	-1.168120E-03	-2.620278E-05	-8.016786E-05	-1.386324E-04
18703	G	-3.510961E-03	-1.514921E-03	-1.313547E-03	0.0	-7.37981E-05	-1.392229E-04
18704	G	-4.865707E-03	-1.478197E-03	-1.549229E-03	0.0	-5.969217E-05	-6.929264E-05
18705	G	-4.753899E-03	-1.457211E-03	-1.795244E-03	0.0	-4.010455E-05	1.056587E-04
18706	G	-4.086774E-03	-1.451261E-03	-1.951749E-03	-1.310821E-05	-3.901651E-05	1.339409E-04
18707	G	-3.479394E-03	-1.76070E-03	-1.169147E-03	0.0	0.0	0.0
18708	G	-3.452894E-03	-1.766340E-03	-1.301887E-03	1.017401E-05	2.326232E-04	0.0
18709	G	-4.093034E-03	-1.760150E-03	-1.388527E-03	0.0	0.0	0.0
18710	G	-4.593624E-03	-1.732324E-03	-1.680091E-03	0.0	0.0	0.0
18711	G	-4.729301E-03	-1.725045E-03	-1.768362E-03	7.325210E-06	3.351327E-04	0.0
18712	G	-4.907649E-03	-1.706544E-03	-1.913514E-03	0.0	0.0	0.0
18713	G	-8.212400E-04	-1.659014E-03	-1.298135E-03	5.266683E-06	2.105656E-04	1.700742E-04
18714	G	-6.498662E-04	-1.687693E-03	-1.738085E-03	-5.735888E-06	3.033460E-04	1.751537E-04
18715	G	0.0	-1.443304E-03	-1.288663E-03	-2.432330E-05	0.0	0.0
18716	G	-1.328933E-03	-2.607089E-05	-1.901945E-03	0.0	0.0	0.0
18717	G	-1.482900E-03	-1.678536E-05	-2.057295E-03	0.0	0.0	0.0
18718	G	-1.873205E-03	-2.448407E-05	-2.524685E-03	0.0	0.0	0.0
18719	G	-2.152169E-03	-1.143193E-05	-2.578515E-03	0.0	0.0	0.0
18720	G	-1.777931E-03	-2.89512E-04	-1.706659E-03	0.0	0.0	0.0
18721	G	-2.141199E-03	-2.543444E-04	-2.018210E-03	0.0	0.0	0.0
18722	G	-2.943185E-03	-2.149117E-04	-2.302499E-03	0.0	0.0	0.0
18723	G	-2.766753E-03	-1.613518E-04	-2.491097E-03	0.0	0.0	0.0
18724	G	-2.927939E-03	-1.213376E-04	-2.596846E-03	0.0	0.0	0.0
18725	G	-1.487149E-03	-1.691596E-04	-2.280534E-03	0.0	0.0	0.0
18726	G	-2.343830E-03	-9.549486E-05	-1.023206E-03	0.0	0.0	0.0

22701	-1.30026E-04	9.90026E-04	2.63713E-03	0.0	0.0
22703	-1.13777E-04	9.13777E-04	2.65093E-03	0.0	0.0
22705	-1.17177E-04	9.17177E-04	2.79908E-03	0.0	0.0
22709	-1.16251E-04	9.16251E-04	3.45167E-03	0.0	0.0
22721	-1.17115E-04	9.17115E-04	2.75947E-03	0.0	0.0
22723	-1.14990E-04	9.14990E-04	2.61132E-03	0.0	0.0
22725	-1.14990E-04	9.14990E-04	3.13116E-03	0.0	0.0
22727	-1.14990E-04	9.14990E-04	3.13116E-03	0.0	0.0
22729	-1.14990E-04	9.14990E-04	3.13116E-03	0.0	0.0
22730	-1.14990E-04	9.14990E-04	3.13116E-03	0.0	0.0
25001	-1.10026E-04	9.10026E-04	4.74177E-03	0.0	0.0
25003	-1.09345E-04	9.09345E-04	4.92551E-03	0.0	0.0
25007	-1.06820E-04	9.06820E-04	5.66662E-03	0.0	0.0
25009	-2.04871E-03	1.53862E-03	6.12745E-03	0.0	0.0
25021	-1.53862E-03	1.53862E-03	6.12745E-03	0.0	0.0
25025	-2.60082E-03	1.53862E-03	6.12745E-03	0.0	0.0
25029	-2.60082E-03	1.53862E-03	6.12745E-03	0.0	0.0
25041	-2.60082E-03	1.53862E-03	6.12745E-03	0.0	0.0
25045	0.0	-1.23194E-05	5.12097E-03	0.0	0.0
25049	-6.24012E-03	-1.35646E-04	6.48843E-03	0.0	0.0
25061	-3.63656E-03	9.83626E-04	6.48843E-03	0.0	0.0
25065	-4.47978E-03	7.36211E-04	6.48843E-03	0.0	0.0
25069	-5.26213E-03	7.36211E-04	6.48843E-03	0.0	0.0
26801	-1.10529E-03	7.00638E-04	6.52712E-03	0.0	0.0
26809	-1.74768E-03	-2.63587E-03	6.66342E-03	0.0	0.0
26821	-1.39918E-03	-2.63587E-03	7.52607E-03	0.0	0.0
26825	-2.37608E-03	-2.63587E-03	9.19437E-03	0.0	0.0
26829	-2.92030E-03	-2.63587E-03	7.22516E-03	0.0	0.0
26841	-2.61560E-03	-1.12410E-03	6.18074E-03	0.0	0.0
26845	0.0	-1.10429E-03	6.18074E-03	0.0	0.0
26849	-1.36741E-03	-1.36741E-03	6.23211E-03	0.0	0.0
26865	-4.45531E-03	-2.75752E-04	7.35436E-03	0.0	0.0
26869	-5.34405E-03	-2.75752E-04	7.35436E-03	0.0	0.0
29005	-1.88256E-03	-6.91263E-03	6.28764E-03	0.0	0.0
29021	-1.47752E-03	-4.95180E-03	9.08859E-03	0.0	0.0
29025	-2.23307E-03	-4.95180E-03	1.01104E-02	0.0	0.0
29029	-3.14776E-03	-4.95180E-03	1.11310E-02	0.0	0.0
29041	-2.82412E-03	-3.34232E-03	8.69914E-03	0.0	0.0
29045	0.0	-3.34232E-03	1.02294E-02	0.0	0.0
29049	-4.16772E-03	-3.34232E-03	1.12653E-02	0.0	0.0
29061	-4.37836E-03	-2.13589E-03	8.93072E-03	0.0	0.0
29065	-5.19998E-03	-2.13589E-03	9.97953E-03	0.0	0.0
29069	-3.33874E-03	-3.32476E-03	1.03661E-02	0.0	0.0
31745	-3.41174E-03	-4.60522E-03	1.00493E-02	0.0	0.0
33845	-3.44200E-03	-6.27382E-03	1.25734E-02	0.0	0.0
35945	-3.52868E-03	-8.09295E-03	1.34680E-02	0.0	0.0
38045	-3.54104E-03	-9.49091E-03	1.37618E-02	0.0	0.0
40141	-5.18492E-04	-1.18575E-02	8.86671E-03	0.0	0.0
40142	-1.49614E-03	-1.18575E-02	1.03661E-02	0.0	0.0
40143	-2.54276E-03	-1.18575E-02	1.16104E-02	0.0	0.0
40145	-3.52868E-03	-1.18575E-02	1.32622E-02	0.0	0.0
40149	-4.48443E-03	-1.18575E-02	1.49972E-02	0.0	0.0
40149	-5.82261E-03	-1.18575E-02	1.63104E-02	0.0	0.0
40149	-7.21634E-03	-1.18575E-02	1.76319E-02	0.0	0.0
42745	-3.39083E-03	-1.35815E-02	2.05179E-02	0.0	0.0
44345	-3.19742E-03	-1.50657E-02	2.30379E-02	0.0	0.0
45245	-3.08569E-03	-1.56047E-02	2.50984E-02	0.0	0.0
46445	-2.91543E-03	-1.61447E-02	2.78795E-02	0.0	0.0
48045	9.06626E-04	-1.10143E-02	3.18420E-02	0.0	0.0
48845	-3.07498E-03	-1.30981E-03	4.50439E-02	0.0	0.0
49745	5.39775E-03	-2.98542E-03	5.71665E-03	0.0	0.0
50645	7.83174E-03	1.45179E-03	6.60170E-03	0.0	0.0
51545	1.02773E-02	7.06921E-03	9.15962E-03	0.0	0.0
52045	1.28697E-02	1.33614E-02	1.07076E-02	0.0	0.0

61912	-3.10332E-03	-9.73376E-04	-1.041705E-03	3.182834E-05	5.318121E-05	2.1609480E-05
61913	-3.16876E-03	-9.324415E-04	-1.041705E-03	3.182834E-05	5.318121E-05	1.0422448E-04
61914	-5.23212E-03	-9.946003E-04	-1.041705E-03	3.182834E-05	5.318121E-05	1.0422448E-04
61916	-2.816368E-03	-7.2089992E-04	-1.034022E-03	2.899658E-05	1.9435107E-05	6.275243E-05
61917	-2.806911E-03	-7.208736E-04	-1.034022E-03	2.899658E-05	1.9435107E-05	6.275243E-05
61918	-2.765036E-03	-6.663967E-04	-1.034022E-03	2.899658E-05	1.9435107E-05	5.491092E-05
61922	-2.949270E-03	-1.664224E-04	-6.234386E-04	2.746709E-05	6.343443E-05	1.095366E-04
61923	-2.843444E-03	7.6648791E-04	-6.234386E-04	2.746709E-05	6.343443E-05	1.095366E-04
61924	-2.840266E-03	7.993713E-05	-6.234386E-04	2.746709E-05	6.343443E-05	1.095366E-04
61926	-2.603393E-03	1.3619944E-04	-6.218575E-04	2.746709E-05	6.343443E-05	1.095366E-04
61927	-2.568939E-03	1.526276E-04	-6.218575E-04	2.746709E-05	6.343443E-05	1.095366E-04
61928	-2.517449E-03	1.526276E-04	-6.218575E-04	2.746709E-05	6.343443E-05	1.095366E-04
61934	-2.563231E-03	1.5260709E-04	-6.218575E-04	2.746709E-05	6.343443E-05	1.095366E-04
61935	-2.511719E-03	1.564679E-03	1.131428E-03	-2.710033E-05	5.067265E-05	9.810453E-05
61936	-2.553377E-03	1.564679E-03	1.131428E-03	-2.710033E-05	5.067265E-05	9.810453E-05
62211	-3.596373E-03	-9.364951E-04	1.131428E-03	-2.906183E-05	8.048803E-05	1.3736320E-04
62213	-3.596373E-03	-9.364951E-04	1.131428E-03	-2.906183E-05	8.048803E-05	1.3736320E-04
62215	-3.485486E-03	-8.59572E-04	-9.637820E-04	4.108578E-05	4.502502E-05	1.084107E-04
62217	-3.02372E-03	-6.926465E-04	-9.637820E-04	4.108578E-05	4.502502E-05	1.084107E-04
62219	-2.942140E-03	-6.576369E-04	-9.637820E-04	4.108578E-05	4.502502E-05	1.084107E-04
62221	-3.474766E-03	3.230574E-05	-2.681982E-04	-7.339944E-06	-2.015427E-04	9.685992E-05
62224	-3.275155E-03	1.105035E-04	-2.680656E-04	4.394559E-05	3.0811396E-05	1.4001396E-05
62226	-2.928072E-03	2.684347E-04	-2.627044E-04	2.155868E-05	-9.219183E-05	1.050115E-04
62229	-2.799898E-03	2.098684E-04	-2.627044E-04	2.709233E-05	3.933410E-05	9.661552E-05
62231	-2.964289E-03	1.604016E-03	9.351501E-04	-6.615811E-05	5.452979E-05	9.488771E-05
62239	-2.791277E-03	1.564695E-03	9.312970E-04	-7.629581E-05	7.4666733E-05	1.094572E-04
62811	-0.072519E-03	1.7974065E-04	-7.278796E-04	0.0	0.0	0.0
62819	-3.494093E-03	-5.580678E-04	-7.384522E-04	0.0	0.0	0.0
62821	-3.494093E-03	-5.580678E-04	-7.384522E-04	0.0	0.0	0.0
62829	-3.494093E-03	-5.580678E-04	-7.384522E-04	0.0	0.0	0.0
62831	-3.381010E-03	2.679803E-03	-1.038727E-04	0.0	0.0	0.0
62833	-3.502093E-03	1.6711808E-03	-8.528042E-04	0.0	0.0	0.0
62839	-3.372908E-03	1.789540E-03	-8.521620E-04	0.0	0.0	0.0
63411	-3.302703E-03	-0.889876E-04	8.521620E-04	0.0	0.0	0.0
63419	-4.091162E-03	-4.801349E-04	-6.931143E-04	0.0	0.0	0.0
63421	-4.452582E-03	-4.801349E-04	-6.931143E-04	0.0	0.0	0.0
63429	-3.986228E-03	3.739325E-04	5.293761E-05	0.0	0.0	0.0
63431	-1.03627E-03	1.620669E-03	5.176140E-05	0.0	0.0	0.0

71928	1.391947E-03	1.487074E-04	-1.075113E-03	1.776700E-05	-1.061529E-04	9.113504E-05
71934	-3.869875E-03	1.389147E-03	1.859029E-03	1.003748E-04	-3.889420E-05	1.269296E-04
71935	-1.864970E-03	1.453389E-03	1.859029E-03	1.003748E-04	-3.889420E-05	1.409632E-04
71936	-3.837757E-03	1.523654E-03	1.859029E-03	1.003748E-04	-3.889420E-05	2.450277E-04
72211	-4.752051E-03	-1.022741E-03	-2.459982E-03	0.0	0.0	0.0
72213	-4.501924E-03	-9.201120E-04	-2.502110E-03	3.242334E-05	5.095052E-05	-6.143420E-06
72219	-3.533794E-03	-2.697270E-04	-2.502110E-03	3.242334E-05	5.095052E-05	-6.303949E-05
72219	-3.462686E-03	-5.081650E-04	-2.502110E-03	3.242334E-05	5.095052E-05	0.0
72221	-4.476383E-03	-1.619503E-04	-1.036345E-03	9.587564E-05	-3.264835E-04	-4.058051E-05
72224	-4.108291E-03	-3.984716E-05	-1.036345E-03	9.587564E-05	-3.264835E-04	-6.064414E-05
72226	-3.363788E-03	1.955326E-04	-1.036345E-03	9.587564E-05	-3.264835E-04	7.130957E-05
72229	-3.084420E-03	2.784070E-04	-1.036345E-03	9.587564E-05	-3.264835E-04	8.230435E-05
72231	-3.462371E-03	1.343061E-03	1.429717E-03	7.033507E-05	8.341667E-05	9.606678E-05
72239	-3.135880E-03	1.515029E-03	1.429717E-03	7.033507E-05	8.341667E-05	2.118154E-04
72311	-4.400919E-03	-9.346123E-04	-2.642200E-03	0.0	0.0	0.0
72319	-3.062924E-03	-6.02286E-04	-2.642200E-03	0.0	0.0	0.0
72321	-4.108291E-03	-1.036345E-03	-1.177537E-03	0.0	0.0	0.0
72329	-2.777654E-03	3.36246E-04	1.177537E-03	0.0	0.0	0.0
72331	-3.091244E-03	1.321385E-03	1.099969E-03	0.0	0.0	0.0
72339	-2.763262E-03	1.460758E-03	1.099969E-03	0.0	0.0	0.0
73411	-3.989304E-03	-4.580962E-04	-2.764315E-03	0.0	0.0	0.0
73419	-2.752175E-03	-3.979092E-04	-2.764315E-03	0.0	0.0	0.0
73421	-3.688692E-03	-4.483631E-05	-1.327721E-03	0.0	0.0	0.0
73429	-2.460045E-03	3.867757E-04	-1.327721E-03	0.0	0.0	0.0
73431	-2.751447E-03	1.297422E-03	7.633097E-04	0.0	0.0	0.0
73439	-2.440158E-03	1.416962E-03	7.633097E-04	0.0	0.0	0.0
74211	-2.440158E-03	1.416962E-03	7.633097E-04	0.0	0.0	0.0
74219	-2.313640E-03	1.121805E-04	-2.964259E-03	0.0	0.0	0.0
74221	-1.1031157E-03	7.66850E-05	-1.570164E-03	0.0	0.0	0.0
74229	-2.008926E-03	4.552209E-04	-1.570164E-03	0.0	0.0	0.0
74231	-2.214412E-03	1.255544E-03	3.149334E-04	5.433768E-05	-1.565718E-04	6.052343E-05
74239	-2.875805E-03	1.366950E-03	3.149334E-04	5.433768E-05	-1.565718E-04	0.0
75011	-2.847624E-03	-6.226245E-04	-3.192191E-03	0.0	0.0	0.0
75019	-1.893519E-03	-2.343995E-04	-3.192191E-03	0.0	0.0	0.0
75021	-2.537333E-03	1.36626E-04	-1.332374E-03	0.0	0.0	0.0
75029	-1.576497E-03	5.149408E-04	-1.332374E-03	0.0	0.0	0.0
75031	-1.818139E-03	1.29178E-03	-1.412831E-04	0.0	0.0	0.0
75039	-1.529367E-03	1.320440E-03	-1.412831E-04	0.0	0.0	0.0
75911	-2.294511E-03	-5.07777E-04	-3.539784E-03	0.0	0.0	0.0
75919	-1.478615E-03	-1.684800E-04	-3.539784E-03	0.0	0.0	0.0
75921	-1.977500E-03	2.344638E-04	-2.113336E-03	0.0	0.0	0.0
75929	-1.477556E-03	7.659871E-04	-2.113336E-03	0.0	0.0	0.0
75931	-1.367262E-03	1.161654E-03	-6.196736E-04	6.027754E-05	-1.522076E-04	8.403772E-05
75939	-1.084119E-03	1.270580E-03	-6.196736E-04	6.027754E-05	-1.522076E-04	0.0
122400	-7.632714E-03	8.340804E-03	-3.835916E-04	-2.257014E-04	-1.057666E-04	0.0
123467	-5.104242E-03	1.453044E-03	4.194770E-03	0.0	0.0	0.0
123467	-7.632714E-03	8.340804E-03	-3.835916E-04	0.0	0.0	0.0
124800	-7.632714E-03	8.340804E-03	-3.835916E-04	0.0	0.0	0.0
125063	-3.802710E-03	6.836028E-03	5.010888E-03	-2.257014E-04	-1.057666E-04	0.0
125065	-4.573327E-03	7.060112E-04	5.010888E-03	0.0	0.0	0.0
125067	-5.107980E-03	7.060389E-04	5.010888E-03	0.0	0.0	0.0
125383	-5.136613E-03	4.782472E-03	5.010888E-03	0.0	0.0	0.0
125387	-7.618111E-03	4.782472E-03	5.010888E-03	0.0	0.0	0.0
126863	-3.895677E-03	-2.77994E-04	6.577838E-03	0.0	0.0	0.0
126867	-5.055629E-03	-2.77994E-04	6.577838E-03	0.0	0.0	0.0
127200	-7.632714E-03	3.229975E-03	1.060802E-02	-2.257014E-04	-1.057666E-04	0.0
169073	-1.461065E-03	-5.812575E-04	-1.194349E-03	1.77609E-06	-7.109444E-05	5.432899E-05
169077	-1.461065E-03	-5.812575E-04	-1.194349E-03	1.77609E-06	-7.109444E-05	5.432899E-05
200070	-2.505584E-04	-2.125137E-05	-5.011770E-04	1.77609E-06	-7.109444E-05	5.432899E-05
200078	-7.887441E-04	-3.470789E-05	-5.011770E-04	1.77609E-06	-7.109444E-05	5.432899E-05
200079	-8.937013E-04	-7.33249E-05	-5.011770E-04	1.77609E-06	-7.109444E-05	5.432899E-05
200086	-1.303492E-03	-5.289359E-05	-5.011770E-04	1.77609E-06	-7.109444E-05	5.432899E-05
200087	-1.397344E-03	-4.993241E-05	-5.011770E-04	1.77609E-06	-7.109444E-05	5.432899E-05
203095	-2.121564E-03	-6.833232E-05	-5.011770E-04	1.77609E-06	-7.109444E-05	5.432899E-05
203096	-1.934014E-03	-6.446155E-05	-5.011770E-04	1.77609E-06	-7.109444E-05	5.432899E-05
203101	-2.384452E-03	-7.461657E-05	-5.011770E-04	1.77609E-06	-7.109444E-05	5.432899E-05



NATURAL FREQUENCIES AND MODE SHAPES  
EIGENVALUE # 8.954926E 03

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	9.385835E-03	1.29671E-01	1.383462E-01	0.0	0.0	0.0
3339	G	-7.084996E-03	1.299999E-01	2.382863E-02	0.0	0.0	0.0
3341	G	2.161405E-02	4.440524E-02	1.625292E-01	0.0	0.0	0.0
3349	G	-6.772473E-03	4.438722E-02	-1.928356E-04	0.0	0.0	0.0
4631	G	2.032077E-02	1.082273E-01	1.995531E-01	0.0	0.0	0.0
4633	G	1.265976E-02	1.492587E-01	1.724093E-01	0.0	0.0	0.0
4637	G	-1.656948E-02	1.492519E-01	-1.335855E-02	0.0	0.0	0.0
4639	G	-1.804331E-02	1.082322E-01	-6.050952E-02	0.0	0.0	0.0
4641	G	2.939314E-02	2.388482E-02	2.095833E-01	0.0	0.0	0.0
4649	G	-1.447529E-02	2.392185E-02	-7.050217E-02	0.0	0.0	0.0
4661	G	3.461136E-02	-6.682426E-02	1.796377E-01	0.0	0.0	0.0
4669	G	-5.153514E-03	-6.679463E-02	-6.052935E-02	0.0	0.0	0.0
6123	G	8.194961E-03	1.812324E-01	1.643910E-01	0.0	0.0	0.0
6127	G	-2.148113E-02	1.813118E-01	-5.36524E-02	0.0	0.0	0.0
6131	G	2.035522E-02	1.251889E-01	2.070914E-01	0.0	0.0	0.0
6133	G	1.432506E-02	1.252205E-01	1.642735E-01	0.0	0.0	0.0
6137	G	-1.792899E-02	1.253099E-01	-5.354305E-02	0.0	0.0	0.0
6139	G	-2.603920E-02	1.252916E-01	-9.420427E-02	0.0	0.0	0.0
6141	G	2.959993E-02	3.326367E-02	2.155221E-01	0.0	0.0	0.0
6143	G	-2.377802E-02	3.325381E-02	1.637652E-01	0.0	0.0	0.0
6147	G	-1.365530E-02	3.400160E-02	-3.21781E-02	0.0	0.0	0.0
6149	G	-1.946649E-02	3.400647E-02	-1.046144E-01	0.0	0.0	0.0
6161	G	3.625673E-02	3.324375E-02	2.216275E-01	0.0	0.0	0.0
6163	G	3.002774E-02	3.326358E-02	1.63732E-01	0.0	0.0	0.0
6167	G	-1.002757E-02	3.219134E-02	-5.298741E-02	0.0	0.0	0.0
6169	G	-1.623234E-02	3.218101E-02	-1.108627E-01	0.0	0.0	0.0
6171	G	4.122201E-02	1.328356E-01	1.72047E-01	0.0	0.0	0.0
6179	G	-3.729877E-03	-1.326267E-01	-6.76561E-02	0.0	0.0	0.0
7031	G	2.259725E-02	1.098089E-01	0.0	0.0	0.0	0.0
7033	G	1.443996E-02	1.097754E-01	1.515654E-01	0.0	0.0	0.0
7037	G	-1.791255E-02	1.097754E-01	-5.751836E-02	0.0	0.0	0.0
7039	G	-2.615770E-02	1.097890E-01	0.0	0.0	0.0	0.0
7043	G	2.405571E-02	0.0	1.519501E-01	0.0	0.0	0.0
7047	G	-1.360813E-02	0.0	-5.823240E-02	0.0	0.0	0.0
7061	G	3.640880E-02	-6.86889E-02	2.210782E-01	0.0	0.0	0.0
7063	G	3.079786E-02	-4.468693E-02	1.520857E-01	0.0	0.0	0.0
7067	G	-9.659886E-03	-4.67977E-02	-5.84859E-02	0.0	0.0	0.0
7069	G	-1.572920E-02	-6.875417E-02	-1.366751E-01	0.0	0.0	0.0
7071	G	7.440376E-02	0.0	2.138624E-01	0.0	0.0	0.0
7079	G	-3.48335E-02	0.0	-1.352717E-01	0.0	0.0	0.0
7505	G	-1.690422E-02	2.589555E-01	4.227049E-02	1.009195E-03	-1.620625E-03	0.0
8300	G	2.311545E-02	-1.560477E-01	3.475603E-02	0.0	0.0	0.0
8331	G	2.630208E-02	8.623918E-02	0.0	0.0	0.0	0.0
8333	G	1.443996E-02	8.632493E-02	1.369629E-01	0.0	0.0	0.0
8337	G	-1.791255E-02	8.632493E-02	-7.212136E-02	0.0	0.0	0.0
8339	G	-2.943137E-02	8.614600E-02	0.0	0.0	0.0	0.0
8543	G	2.433743E-02	0.0	1.362287E-01	0.0	0.0	0.0
8547	G	-1.328345E-02	0.0	-7.118413E-02	0.0	0.0	0.0
8561	G	3.559750E-02	-6.566489E-02	2.060120E-01	0.0	0.0	0.0
8563	G	3.244429E-02	-6.575964E-02	1.359856E-01	0.0	0.0	0.0
8567	G	-1.013000E-02	-6.331098E-02	-7.088107E-02	0.0	0.0	0.0
8569	G	-1.441546E-02	-6.331098E-02	-1.481562E-01	0.0	0.0	0.0
8571	G	7.407939E-02	0.0	1.994624E-01	0.0	0.0	0.0
8579	G	-3.699924E-02	0.0	-1.474093E-01	0.0	0.0	0.0
9303	G	3.466799E-02	2.892599E-01	1.182650E-01	0.0	0.0	0.0
9307	G	-3.063462E-02	2.893286E-01	-6.875700E-02	0.0	0.0	0.0



9313	G	3.427835E-02	2.425868E-01	1.184571E-01	0.0	0.0	0.0
9317	G	-2.083391E-02	2.4229291E-01	-6.892770E-02	0.0	0.0	0.0
9321	G	2.851925E-02	7.202256E-02	1.998405E-01	0.0	0.0	0.0
9333	G	1.389623E-02	7.196287E-02	1.210099E-01	0.0	0.0	0.0
9337	G	-1.699055E-02	7.146627E-02	-7.177365E-02	0.0	0.0	0.0
9339	G	-3.112583E-02	7.149315E-02	-1.433778E-01	0.0	0.0	0.0
9341	G	0.0	-9.550434E-03	1.917032E-01	0.0	0.0	0.0
9343	G	2.439324E-02	9.307835E-03	1.180013E-01	0.0	0.0	0.0
9347	G	-1.274610E-02	8.776579E-03	-7.274047E-02	0.0	0.0	0.0
9349	G	0.0	-9.067956E-03	-1.478859E-01	0.0	0.0	0.0
9361	G	3.544967E-02	7.562444E-02	1.882478E-01	0.0	0.0	0.0
9363	G	3.374986E-02	7.5267874E-02	1.132938E-01	0.0	0.0	0.0
9367	G	-1.158659E-02	-7.325202E-02	-1.298070E-02	0.0	0.0	0.0
9369	G	-1.501563E-02	-7.318699E-02	-1.476076E-01	0.0	0.0	0.0
9371	G	4.896957E-02	-1.283197E-01	1.826520E-01	0.0	0.0	0.0
9373	G	0.0	-1.268748E-01	1.198034E-01	0.0	0.0	0.0
9377	G	0.0	-1.296570E-01	-7.338345E-02	0.0	0.0	0.0
9379	G	-2.071340E-02	-1.295410E-01	-1.441566E-01	0.0	0.0	0.0
11300	G	4.480579E-02	9.656018E-02	9.750479E-02	0.0	0.0	0.0
11303	G	3.349355E-02	1.708155E-01	0.0	0.0	0.0	0.0
11507	G	-2.104908E-02	1.708155E-01	0.0	0.0	0.0	0.0
11531	G	3.039766E-02	3.038162E-02	0.0	0.0	0.0	0.0
11533	G	1.491882E-02	3.043116E-02	8.361334E-02	0.0	0.0	0.0
11537	G	-1.464692E-02	3.070121E-02	-7.328711E-02	0.0	0.0	0.0
11539	G	-2.935420E-02	3.071738E-02	0.0	0.0	0.0	0.0
11543	G	2.394032E-02	-3.624856E-02	8.364771E-02	0.0	0.0	0.0
11547	G	-1.215351E-02	-3.624856E-02	-7.327485E-02	0.0	0.0	0.0
11561	G	3.655932E-02	-8.880603E-02	1.381471E-01	0.0	0.0	0.0
11563	G	3.346786E-02	-8.880603E-02	8.363140E-02	0.0	0.0	0.0
11567	G	-1.292450E-02	-8.910745E-02	-7.322633E-02	0.0	0.0	0.0
11569	G	-1.724668E-02	-8.904803E-02	-7.326034E-01	0.0	0.0	0.0
11571	G	7.961345E-02	0.0	1.315271E-01	0.0	0.0	0.0
11579	G	-6.774271E-02	0.0	-1.222894E-01	0.0	0.0	0.0
11700	G	-6.147868E-03	0.0	-5.241684E-02	0.0	0.0	0.0
13500	G	1.185910E-02	-1.937042E-01	-6.174799E-03	0.0	0.0	0.0
13601	G	7.309966E-02	9.794966E-02	8.471698E-02	0.0	0.0	0.0
13603	G	2.762434E-02	1.039785E-01	4.983299E-02	0.0	0.0	0.0
13607	G	1.579897E-02	1.038389E-01	-6.841237E-02	0.0	0.0	0.0
13609	G	-2.528810E-02	9.736377E-02	1.032367E-01	0.0	0.0	0.0
13621	G	4.099077E-02	4.830910E-02	9.621757E-02	0.0	0.0	0.0
13623	G	2.290180E-02	4.844153E-02	4.997252E-02	0.0	0.0	0.0
13627	G	1.178785E-02	4.844383E-02	6.896519E-02	0.0	0.0	0.0
13629	G	-2.846267E-02	4.836384E-02	-1.147081E-01	0.0	0.0	0.0
13631	G	3.259216E-02	-1.204512E-02	9.825712E-02	0.0	0.0	0.0
13633	G	1.951583E-02	-1.192896E-02	5.131319E-02	0.0	0.0	0.0
13637	G	-1.289784E-02	-1.188463E-02	-6.904709E-02	0.0	0.0	0.0
13639	G	-2.897844E-02	-1.194514E-02	-1.167765E-01	0.0	0.0	0.0
13641	G	0.0	-6.752110E-02	9.872723E-02	0.0	0.0	0.0
13643	G	2.420695E-02	-6.751144E-02	5.208508E-02	0.0	0.0	0.0
13647	G	-1.311744E-02	-6.757057E-02	-6.911999E-02	0.0	0.0	0.0
13648	G	-1.316194E-02	-6.134791E-02	-6.902176E-02	0.0	0.0	0.0
13649	G	0.0	-6.131412E-02	-9.946841E-02	0.0	0.0	0.0
13661	G	3.954777E-02	-1.145313E-01	9.889460E-02	0.0	0.0	0.0
13663	G	3.105921E-02	-1.145180E-01	5.235393E-02	0.0	0.0	0.0
13667	G	-1.377436E-02	-1.045128E-01	-6.934506E-02	0.0	0.0	0.0
13669	G	-2.092137E-02	-1.044945E-01	-1.142005E-01	0.0	0.0	0.0
13671	G	5.006628E-02	0.0	1.023609E-01	0.0	0.0	0.0
13679	G	-6.443051E-02	0.0	-1.022778E-01	0.0	0.0	0.0
14801	G	3.730996E-02	7.467490E-02	8.261448E-02	0.0	0.0	0.0
14803	G	2.432073E-02	8.031631E-02	4.879306E-02	0.0	0.0	0.0
14807	G	-1.236532E-02	6.016646E-02	-6.767726E-02	0.0	0.0	0.0
14809	G	-2.528810E-02	7.451463E-02	-1.016237E-01	0.0	0.0	0.0
14821	G	4.018396E-02	2.851721E-02	9.323186E-02	0.0	0.0	0.0
14823	G	2.269183E-02	2.850244E-02	4.879306E-02	0.0	0.0	0.0
14827	G	-1.115399E-02	2.826640E-02	-6.767726E-02	0.0	0.0	0.0
14829	G	-2.764435E-02	2.813030E-02	-1.123065E-01	0.0	0.0	0.0





18661	3.580341E-02	-2.112892E-01	5.667776E-02	4.433647E-04	4.433647E-04	-3.098194E-03
18662	4.954168E-02	-2.112095E-01	4.879231E-02	-7.072699E-04	-7.072699E-04	-3.121373E-03
18663	3.893747E-02	-2.111456E-01	3.519653E-02	-1.854733E-03	-1.854733E-03	-2.936507E-03
18664	2.547428E-02	-2.111067E-01	7.659726E-03	0.0	0.0	-1.410935E-03
18665	1.821054E-02	-2.111970E-01	1.677934E-02	0.0	0.0	-1.346391E-03
18666	7.008071E-03	-2.111395E-01	4.139161E-02	0.0	0.0	-2.771746E-03
18667	1.454531E-02	-2.111760E-01	6.970644E-03	2.168514E-03	2.168514E-03	-2.553737E-03
18668	3.947204E-02	-2.111893E-01	8.449299E-02	7.310733E-04	7.310733E-04	-5.854174E-03
18669	5.127293E-02	-2.120262E-01	9.152391E-02	-1.03379E-04	-1.03379E-04	-5.876102E-03
18670	4.104558E-02	-2.1548623E-01	5.152391E-02	0.0	0.0	0.0
18683	1.690018E-02	-2.1545117E-01	3.534779E-02	-1.749627E-03	-1.749627E-03	-4.272492E-04
18685	1.166233E-02	-2.155907E-01	1.692764E-02	0.0	0.0	0.0
18687	6.324761E-03	-2.154893E-01	6.992258E-02	2.048772E-03	2.048772E-03	-4.272492E-04
18689	1.841895E-02	-2.155264E-01	9.061587E-02	3.603592E-03	3.603592E-03	0.0
18693	1.466724E-02	-2.160180E-01	3.545945E-02	0.0	0.0	0.0
18697	8.571666E-03	-2.1605516E-01	6.924387E-02	1.419991E-03	1.419991E-03	4.639793E-03
18741	3.106214E-02	-2.162594E-02	2.068598E-02	-0.08087E-03	-0.08087E-03	4.645634E-03
19742	1.969330E-02	-2.167125E-02	4.651669E-02	2.775749E-03	2.775749E-03	-1.228836E-03
19743	1.659640E-02	-2.167194E-02	3.292540E-04	1.414601E-03	1.414601E-03	-1.389876E-03
19745	3.399162E-03	-2.167194E-02	3.292540E-04	9.754759E-04	9.754759E-04	-1.460287E-03
19747	8.233558E-03	-2.167194E-02	3.292540E-04	0.0	0.0	-1.593685E-03
19748	-1.160229E-02	-2.167194E-02	3.292540E-04	-1.719950E-03	-1.719950E-03	-1.570259E-03
19749	-2.454578E-02	-2.167194E-02	3.292540E-04	-2.120453E-03	-2.120453E-03	-1.530669E-03
19751	4.965799E-02	-2.167194E-02	3.292540E-04	-2.76033E-03	-2.76033E-03	-1.400181E-03
19752	2.954775E-02	-2.167194E-02	3.292540E-04	2.753971E-03	2.753971E-03	-2.639698E-03
19758	-2.673919E-02	-2.167194E-02	3.292540E-04	1.284464E-03	1.284464E-03	-2.628723E-03
19759	-4.674081E-02	-2.167194E-02	3.292540E-04	1.991539E-03	1.991539E-03	-2.625099E-03
19761	5.643389E-02	-2.167194E-02	3.292540E-04	-1.991539E-03	-1.991539E-03	-2.604773E-03
19762	3.269091E-02	-2.167194E-02	3.292540E-04	2.735400E-03	2.735400E-03	-3.103777E-03
19763	2.588310E-02	-2.167194E-02	3.292540E-04	2.024213E-03	2.024213E-03	-3.113536E-03
19765	4.363541E-04	-2.167194E-02	3.292540E-04	2.099120E-03	2.099120E-03	-3.113536E-03
19767	-2.489017E-02	-2.167194E-02	3.292540E-04	0.0	0.0	-3.160408E-03
19768	3.162264E-02	-2.167194E-02	3.292540E-04	9.941303E-04	9.941303E-04	-3.235463E-03
19769	-5.505769E-02	-2.167194E-02	3.292540E-04	0.0	0.0	-3.235463E-03
21183	8.746166E-03	-2.167194E-02	3.292540E-04	-1.731942E-03	-1.731942E-03	-3.130045E-03
21187	1.431781E-02	-2.167194E-02	3.292540E-04	-1.988575E-03	-1.988575E-03	-3.074304E-03
21321	3.056905E-02	-2.167194E-02	3.292540E-04	-3.372284E-03	-3.372284E-03	-3.062944E-03
21323	2.096839E-02	-2.167194E-02	3.292540E-04	-4.782740E-05	-4.782740E-05	2.089649E-02
21325	5.484476E-03	-2.167194E-02	3.292540E-04	1.426283E-03	1.426283E-03	0.0
21327	-9.874230E-03	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21329	-2.321160E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21341	3.522428E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21343	2.395542E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21345	-1.938822E-02	-2.167194E-02	3.292540E-04	1.705941E-03	1.705941E-03	-1.6553169E-03
21347	-4.532399E-02	-2.167194E-02	3.292540E-04	1.634334E-03	1.634334E-03	-2.325991E-03
21349	-3.944447E-02	-2.167194E-02	3.292540E-04	3.452254E-04	3.452254E-04	-3.893130E-03
21361	5.544898E-02	-2.167194E-02	3.292540E-04	-5.438829E-04	-5.438829E-04	5.786552E-04
21363	3.689484E-02	-2.167194E-02	3.292540E-04	-1.015489E-03	-1.015489E-03	1.577569E-03
21364	1.181859E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21366	-2.189394E-02	-2.167194E-02	3.292540E-04	-2.333916E-03	-2.333916E-03	0.0
21367	-4.522749E-02	-2.167194E-02	3.292540E-04	1.971249E-03	1.971249E-03	0.0
21369	-6.061994E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21383	8.826888E-03	-2.167194E-02	3.292540E-04	-2.339391E-03	-2.339391E-03	0.0
21387	1.411515E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21485	0.0	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21801	2.5113964E-02	-2.167194E-02	3.292540E-04	4.893918E-03	4.893918E-03	0.0
21803	1.568133E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21807	5.695829E-04	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21809	-1.109734E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21821	3.222151E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21823	2.111710E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21825	5.800449E-03	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21827	-1.043037E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
21829	-2.370708E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
22312	2.675474E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0
22318	-1.366354E-02	-2.167194E-02	3.292540E-04	0.0	0.0	0.0

22701	2-612149E-02	-6.123547E-02	-4.297544E-02	0.0	0.0	0.0
22702	1-495658E-02	-7.545352E-02	-2.421722E-02	0.0	0.0	0.0
22703	1-569393E-03	-7.418970E-02	1.591867E-02	0.0	0.0	0.0
22704	1-140306E-02	-6.816897E-02	3.501363E-02	0.0	0.0	0.0
22705	3-385552E-02	-4.507017E-02	-2.111751E-02	0.0	0.0	0.0
22706	2-138696E-02	-4.407347E-02	-3.149324E-02	0.0	0.0	0.0
22707	5-833205E-03	-4.537971E-02	-4.343631E-03	0.0	0.0	0.0
22708	1-079179E-02	-4.511480E-02	2.167374E-02	0.0	0.0	0.0
22709	2-416894E-02	-4.511477E-02	4.312353E-02	0.0	0.0	0.0
22710	8-767823E-04	-1.111766E-02	-2.596353E-03	0.0	0.0	0.0
22711	7-721968E-02	-1.539990E-01	-6.211333E-02	0.0	0.0	0.0
22712	1-250583E-03	-1.441496E-01	4.382454E-02	0.0	0.0	0.0
22713	1-496384E-02	-1.541355E-01	2.711413E-01	0.0	0.0	0.0
22714	4-04225E-02	-1.306035E-01	7.119538E-02	0.0	0.0	0.0
22715	5-944919E-03	-1.307416E-01	-8.230376E-03	0.0	0.0	0.0
22716	2-923513E-02	-1.018317E-01	4.558112E-02	0.0	0.0	0.0
22717	4-900371E-02	1.342254E-02	-8.891479E-02	0.0	0.0	0.0
22718	0.0	3.839874E-03	-2.711490E-02	0.0	0.0	0.0
22719	5-014720E-02	-1.746501E-03	1.351365E-01	0.0	0.0	0.0
22720	4-581861E-02	7.720631E-02	-8.151475E-02	0.0	0.0	0.0
22721	1-168009E-02	7.328020E-02	-5.361514E-02	0.0	0.0	0.0
22722	5-994100E-02	7.894312E-02	1.141538E-01	0.0	0.0	0.0
22723	3-230623E-02	-7.338894E-01	-3.131336E-02	0.0	0.0	0.0
22724	4-053633E-03	-7.036031E-01	5.271413E-02	0.0	0.0	0.0
22725	5-127393E-02	-1.507974E-01	-7.540237E-02	0.0	0.0	0.0
22726	2-69208E-03	-1.507742E-01	1.111424E-02	0.0	0.0	0.0
22727	3-762013E-02	-1.505186E-01	1.111559E-01	0.0	0.0	0.0
22728	4-812414E-02	-5.983366E-02	-7.111559E-01	0.0	0.0	0.0
22729	0.0	-5.983366E-02	1.933466E-02	0.0	0.0	0.0
22730	4-433594E-02	-5.946242E-02	1.933466E-01	0.0	0.0	0.0
22731	4-539135E-02	1.539180E-02	-7.717413E-02	0.0	0.0	0.0
22732	9-808333E-03	1.563965E-02	2.947318E-02	0.0	0.0	0.0
22733	6-379688E-02	1.574522E-02	1.141411E-01	0.0	0.0	0.0
22734	6-947194E-03	-3.315231E-01	4.413476E-02	0.0	0.0	0.0
22735	5-593681E-02	-3.320239E-01	-4.413476E-02	0.0	0.0	0.0
22736	3-33454E-03	-3.31155E-01	4.413476E-02	0.0	0.0	0.0
22737	4-050212E-02	-3.023239E-01	4.413476E-01	0.0	0.0	0.0
22738	5-213226E-02	-2.047433E-01	6.413476E-02	0.0	0.0	0.0
22739	0.0	-2.047433E-01	3.413476E-01	0.0	0.0	0.0
22740	5-613429E-02	-1.770706E-01	1.141347E-01	0.0	0.0	0.0
22741	4-261499E-03	-1.770706E-01	-4.413476E-02	0.0	0.0	0.0
22742	9-797748E-03	-1.770706E-01	3.413476E-02	0.0	0.0	0.0
22743	6-506574E-02	-1.770706E-01	1.141347E-01	0.0	0.0	0.0
22744	1-808198E-03	-2.35853E-01	3.413476E-02	0.0	0.0	0.0
22745	4-560627E-03	-2.819774E-01	5.413476E-02	0.0	0.0	0.0
22746	5-403492E-03	-1.858444E-01	6.413476E-02	0.0	0.0	0.0
22747	6-288242E-03	-5.001938E-01	7.413476E-02	0.0	0.0	0.0
22748	7-162022E-03	-6.197583E-01	9.413476E-02	0.0	0.0	0.0
22749	7-038456E-01	-7.375966E-01	-2.413476E-02	0.0	0.0	0.0
22750	1-292658E-01	-7.375966E-01	-1.413476E-01	0.0	0.0	0.0
22751	5-363273E-02	-7.375966E-01	-1.413476E-01	0.0	0.0	0.0
22752	7-951437E-03	-7.376152E-01	1.413476E-02	0.0	0.0	0.0
22753	6-957698E-02	-7.375966E-01	2.413476E-01	0.0	0.0	0.0
22754	1-459251E-01	-7.375966E-01	3.413476E-01	0.0	0.0	0.0
22755	2-215414E-01	-7.375966E-01	5.413476E-01	0.0	0.0	0.0
22756	8-607797E-03	-9.433960E-01	1.141347E-01	0.0	0.0	0.0
22757	9-045631E-03	-9.433960E-01	1.141347E-01	0.0	0.0	0.0
22758	9-157214E-03	-9.676372E-01	1.197952E-01	0.0	0.0	0.0
22759	9-226613E-03	-1.00300E-00	1.202525E-01	0.0	0.0	0.0
22760	8-984215E-03	-6.84301E-01	1.194502E-01	0.0	0.0	0.0
22761	4-866367E-03	-6.539947E-01	1.192287E-01	0.0	0.0	0.0
22762	7-52968E-03	-1.636317E-01	1.183255E-01	0.0	0.0	0.0
22763	6-235678E-03	1.130174E-01	1.166583E-01	0.0	0.0	0.0
22764	4-67739E-03	4.368124E-01	1.148418E-01	0.0	0.0	0.0
22765	2-842791E-03	7.725598E-01	1.136730E-01	0.0	0.0	0.0
22766	4-969470E-04	-6.969470E-04	-6.969470E-04	0.0	0.0	0.0
22767	7-341702E-03	-7.341702E-03	-7.341702E-03	0.0	0.0	0.0
22768	7-57230E-03	-7.57230E-03	-7.57230E-03	0.0	0.0	0.0
22769	8-40081E-03	-8.40081E-03	-8.40081E-03	0.0	0.0	0.0
22770	9-91411E-03	-9.91411E-03	-9.91411E-03	0.0	0.0	0.0
22771	1-284517E-04	-1.284517E-04	-1.284517E-04	0.0	0.0	0.0
22772	1-244517E-04	-1.244517E-04	-1.244517E-04	0.0	0.0	0.0
22773	1-175426E-02	-1.175426E-02	-1.175426E-02	0.0	0.0	0.0
22774	1-136190E-02	-1.136190E-02	-1.136190E-02	0.0	0.0	0.0
22775	1-127585E-02	-1.127585E-02	-1.127585E-02	0.0	0.0	0.0
22776	1-352868E-02	-1.352868E-02	-1.352868E-02	0.0	0.0	0.0
22777	1-330732E-02	-1.330732E-02	-1.330732E-02	0.0	0.0	0.0
22778	1-312724E-02	-1.312724E-02	-1.312724E-02	0.0	0.0	0.0
22779	1-558948E-02	-1.558948E-02	-1.558948E-02	0.0	0.0	0.0
22780	1-704209E-02	-1.704209E-02	-1.704209E-02	0.0	0.0	0.0
22781	1-910771E-02	-1.910771E-02	-1.910771E-02	0.0	0.0	0.0
22782	2-460248E-02	-2.460248E-02	-2.460248E-02	0.0	0.0	0.0
22783	2-749162E-02	-2.749162E-02	-2.749162E-02	0.0	0.0	0.0
22784	3-30198E-02	-3.30198E-02	-3.30198E-02	0.0	0.0	0.0
22785	3-29086E-02	-3.29086E-02	-3.29086E-02	0.0	0.0	0.0
22786	3-54058E-02	-3.54058E-02	-3.54058E-02	0.0	0.0	0.0
22787	1-64801E-02	-1.64801E-02	-1.64801E-02	0.0	0.0	0.0
22788	2-127785E-04	-2.127785E-04	-2.127785E-04	0.0	0.0	0.0
22789	5-569411E-04	-5.569411E-04	-5.569411E-04	0.0	0.0	0.0
22790	-5.376340E-04	-5.376340E-04	-5.376340E-04	0.0	0.0	0.0
22791	-6.409721E-04	-6.409721E-04	-6.409721E-04	0.0	0.0	0.0
22792	-6.476955E-04	-6.476955E-04	-6.476955E-04	0.0	0.0	0.0
22793	-6.167074E-04	-6.167074E-04	-6.167074E-04	0.0	0.0	0.0
22794	-5.324984E-04	-5.324984E-04	-5.324984E-04	0.0	0.0	0.0
22795	-5.324984E-04	-5.324984E-04	-5.324984E-04	0.0	0.0	0.0
22796	-6.480347E-03	-6.480347E-03	-6.480347E-03	0.0	0.0	0.0
22797	-6.166253E-03	-6.166253E-03	-6.166253E-03	0.0	0.0	0.0
22798	-5.515661E-03	-5.515661E-03	-5.515661E-03	0.0	0.0	0.0
22799	-7.065725E-03	-7.065725E-03	-7.065725E-03	0.0	0.0	0.0
22800	-7.394351E-03	-7.394351E-03	-7.394351E-03	0.0	0.0	0.0
22801	-5.642988E-03	-5.642988E-03	-5.642988E-03	0.0	0.0	0.0
22802	-4.768621E-03	-4.768621E-03	-4.768621E-03	0.0	0.0	0.0
22803	-4.231681E-03	-4.231681E-03	-4.231681E-03	0.0	0.0	0.0
22804	-4.477965E-03	-4.477965E-03	-4.477965E-03	0.0	0.0	0.0
22805	2.349848E-03	2.349848E-03	2.349848E-03	0.0	0.0	0.0
22806	1.744162E-03	1.744162E-03	1.744162E-03	0.0	0.0	0.0
22807	2.879246E-03	2.879246E-03	2.879246E-03	0.0	0.0	0.0
22808	3.426727E-03	3.426727E-03	3.426727E-03	0.0	0.0	0.0
22809	3.493778E-03	3.493778E-03	3.493778E-03	0.0	0.0	0.0
22810	1.552113E-03	1.552113E-03	1.552113E-03	0.0	0.0	0.0

61912	5.493350E-02	-2.117379E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61913	5.813345E-02	-2.362057E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61914	5.049741E-02	-2.010777E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61915	4.179423E-02	-1.829932E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61916	3.957275E-02	-1.785018E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61917	3.619761E-02	-1.731659E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61918	3.511508E-02	-1.702732E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61919	3.087443E-02	-1.502548E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61920	3.507970E-02	-1.737527E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61921	3.290241E-02	-1.638808E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61922	2.938648E-02	-1.461812E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61923	3.876566E-02	-1.305244E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61924	3.766806E-02	-1.024305E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61925	3.646913E-02	-1.051531E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61926	4.351191E-02	-2.097479E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61927	3.556876E-02	-2.012914E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61928	3.876535E-02	-1.711344E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
61929	6.498311E-04	-1.666280E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62001	3.520208E-02	-8.374070E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62002	3.374070E-02	-6.999611E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62003	3.300448E-03	-6.015314E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62004	2.035364E-03	1.008169E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62005	8.612640E-03	1.053539E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62006	1.189058E-02	-1.971461E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62007	5.773104E-02	-1.560033E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62008	2.202566E-02	-8.293623E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62009	6.795812E-02	-5.118097E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62010	5.774686E-02	-1.002944E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62011	6.888032E-02	1.057441E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62012	7.097656E-02	-1.844710E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62013	1.172731E-01	-1.688316E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62014	8.212598E-02	-7.235271E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62015	1.286336E-01	9.195019E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62016	1.181389E-01	9.994918E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62017	1.299793E-01	1.037165E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62018	1.554847E-01	1.665983E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62019	2.023333E-01	1.427357E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62020	1.684392E-01	-5.696797E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62021	2.158709E-01	-2.912808E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62022	2.046881E-01	9.949406E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62023	2.176786E-01	1.051263E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62024	2.383361E-01	1.489682E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62025	2.854422E-01	1.183320E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62026	2.536559E-01	-6.136680E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62027	3.015869E-01	1.684643E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62028	2.896693E-01	9.874856E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62029	3.040186E-01	1.041059E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62030	3.214961E-01	-1.303123E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62031	3.643138E-01	-1.040011E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62032	3.405921E-01	-2.541383E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62033	3.983743E-01	4.315498E-03	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62034	3.753406E-01	0.5239E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62035	3.907982E-01	1.044106E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62036	5.908702E-02	-2.126310E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62037	5.666975E-02	-2.069334E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62038	5.442904E-02	-2.016518E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62039	3.596880E-02	-1.827016E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62040	3.272666E-02	-1.779266E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62041	2.867561E-02	-1.723926E-01	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62042	5.489264E-02	9.315151E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62043	5.036791E-02	-9.070158E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62044	4.744785E-02	-8.466566E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62045	2.913601E-02	-7.368374E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
62046	2.654816E-02	-7.156909E-02	6.276198E-02	4.294969E-03	1.375648E-03	-3.040954E-03
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71928	-2.26634E-02	-6.839710E-02	-5.536007E-02	3.109770E-03	-3.505659E-03	1.231120E-02
71934	-1.71961E-01	1.304832E-01	7.915995E-02	3.309221E-03	-1.302519E-03	1.261651E-02
71935	-3.66411E-02	1.276005E-01	7.936475E-02	3.308221E-03	-1.023519E-03	1.439379E-03
71936	-3.54240E-02	1.794163E-01	2.936995E-02	3.308221E-03	-1.023519E-03	1.716781E-02
72211	-4.21446E-02	-2.110359E-01	-1.109997E-01	0.00	0.00	0.00
72212	-3.15824E-02	-2.023562E-01	-1.111189E-01	4.869025E-03	-1.233756E-03	7.921362E-03
72217	-1.675639E-01	1.712102E-01	-1.121734E-01	5.336352E-03	-2.724155E-03	1.061668E-02
72218	-6.864819E-01	1.661501E-01	-1.121734E-01	0.00	0.00	0.00
72221	-3.308364E-02	-9.331034E-02	-6.813674E-02	4.679955E-03	-7.794135E-03	9.478658E-03
72224	-2.076875E-02	-5.281197E-02	-5.133935E-02	3.202354E-03	-3.336716E-03	7.033179E-03
72226	5.611171E-03	-6.642609E-02	-5.133935E-02	2.927597E-03	-2.117354E-03	1.154230E-02
72229	1.576965E-02	-5.936955E-02	-6.203930E-02	4.543104E-03	-8.535306E-03	1.167452E-02
72231	2.743756E-03	1.037879E-01	2.031877E-02	4.994744E-04	3.524443E-03	1.148881E-02
72239	1.433303E-02	1.376137E-01	2.016691E-02	2.865215E-03	-2.942448E-03	1.592701E-02
72811	1.293871E-02	1.784503E-01	-1.328692E-01	0.00	0.00	0.00
72819	6.277889E-02	-1.500577E-01	-1.328692E-01	0.00	0.00	0.00
72921	2.344195E-02	-4.117455E-02	-7.730278E-02	0.00	0.00	0.00
72929	7.394254E-02	-5.087607E-02	-7.730278E-02	0.00	0.00	0.00
72931	6.277573E-01	4.002266E-01	7.611780E-03	0.00	0.00	0.00
72939	7.490230E-02	1.260531E-01	7.611780E-03	0.00	0.00	0.00
73411	7.190400E-02	1.860593E-01	-1.537525E-01	0.00	0.00	0.00
73419	1.219581E-01	1.467969E-01	-1.537525E-01	0.00	0.00	0.00
73421	3.395851E-02	7.365946E-02	-9.446561E-02	0.00	0.00	0.00
73429	1.343333E-01	-4.165718E-02	-9.446561E-02	0.00	0.00	0.00
73431	1.229239E-01	9.977704E-02	-6.157535E-03	0.00	0.00	0.00
73439	1.357275E-01	1.359538E-01	-6.157535E-03	0.00	0.00	0.00
74211	1.562013E-01	1.084536E-01	-1.834225E-01	0.00	0.00	0.00
74219	2.065298E-01	1.327625E-01	-1.834225E-01	0.00	0.00	0.00
74221	1.710768E-01	7.346435E-02	-1.834225E-01	0.00	0.00	0.00
74229	5.013555E-01	9.333155E-01	-1.131771E-01	0.00	0.00	0.00
74231	2.093344E-01	9.716564E-02	-3.022506E-02	0.00	0.00	0.00
74239	2.279995E-01	1.923375E-01	-3.022506E-02	0.00	0.00	0.00
75011	2.387349E-01	-1.510375E-01	-2.136670E-01	0.00	0.00	0.00
75019	2.890071E-01	-1.145510E-01	-2.136670E-01	0.00	0.00	0.00
75021	2.550873E-01	-4.331742E-02	-1.407934E-01	0.00	0.00	0.00
75029	3.062862E-01	-1.575974E-02	-1.407934E-01	0.00	0.00	0.00
75031	2.935506E-01	9.622667E-02	-1.408178E-01	0.00	0.00	0.00
75039	3.088808E-01	1.340658E-01	-5.110539E-02	0.00	0.00	0.00
75911	3.214948E-01	1.340658E-01	-2.463483E-01	0.00	0.00	0.00
75919	3.712709E-01	-1.345825E-01	-2.463483E-01	0.00	0.00	0.00
75921	3.925932E-01	-2.714933E-02	-1.610424E-01	0.00	0.00	0.00
75929	3.860755E-01	9.652605E-02	-1.604645E-01	4.123047E-03	-9.794306E-03	1.145453E-02
75931	3.951197E-01	1.327038E-01	-7.193565E-02	0.00	0.00	0.00
122400	-5.034503E-02	7.764933E-01	-7.193565E-02	0.00	0.00	0.00
123467	-4.944458E-02	1.241029E-01	-2.707664E-01	-8.044445E-03	-1.069798E-02	-9.037578E-03
124607	-6.065519E-02	9.596311E-01	4.215754E-02	0.00	0.00	0.00
124800	-5.004503E-02	5.346022E-01	-1.508493E-02	0.00	0.00	0.00
125063	3.444983E-02	7.720631E-02	-8.255581E-02	-8.644445E-03	-1.069798E-02	-8.037578E-03
125065	-1.750707E-02	7.928020E-02	-3.403592E-02	0.00	0.00	0.00
125067	-4.966826E-02	7.484312E-02	-1.104180E-01	0.00	0.00	0.00
125383	-1.037459E-01	9.935094E-01	-5.952310E-02	0.00	0.00	0.00
125387	-3.683166E-02	4.735094E-01	1.433352E-01	0.00	0.00	0.00
126867	2.747292E-02	1.339150E-02	8.623894E-02	0.00	0.00	0.00
126869	-4.627160E-02	1.574592E-02	8.623894E-02	0.00	0.00	0.00
127200	-5.034503E-02	3.450344E-01	-2.532249E-01	-8.644445E-03	-1.069798E-02	-8.037578E-03
189073	-6.361255E-02	-1.710339E-01	-6.432533E-03	7.996447E-04	-7.607346E-06	6.207932E-03
190777	9.983174E-02	-1.710339E-01	-2.627375E-02	7.996447E-04	-7.607346E-06	6.207932E-03
200375	1.336418E-02	-1.265240E-01	-1.630162E-02	7.996447E-04	-7.607346E-06	6.207932E-03
200378	1.301059E-02	-1.304215E-01	-1.630162E-02	7.996447E-04	-7.607346E-06	6.207932E-03
200379	1.299597E-02	-1.297649E-01	-1.630162E-02	7.996447E-04	-7.607346E-06	6.207932E-03
200386	1.319604E-02	-1.166331E-01	-1.633283E-02	1.107044E-03	1.896871E-05	6.207932E-03
200387	1.295649E-02	-1.156471E-01	-1.633283E-02	7.906994E-04	5.498162E-06	6.207932E-03
200395	1.317619E-02	-1.271857E-01	-1.633283E-02	4.680336E-04	-2.962859E-05	6.207932E-03
200396	1.299450E-02	-1.275566E-01	-1.633283E-02	7.796697E-04	-5.037944E-06	6.207932E-03
770101	1.294476E-02	-1.267648E-01	-1.636631E-02	-1.464344E-04	-7.449362E-05	6.207932E-03

6	1.235904E-02	-1.272414E-01	-1.639734E-12	-1.507225E-04	-1.221876E-04	6.207932E-03
7	1.105601E-02	-1.113875E-01	-1.563644E-12	-1.776028E-02	-1.454704E-04	6.207932E-03
8	9.505616E-03	-9.465631E-02	-1.673732E-12	-2.553134E-03	-2.537408E-04	6.207932E-03
9	7.211336E-03	-7.211134E-02	-1.551531E-02	-3.296950E-03	-3.164535E-04	6.207932E-03
0	5.846523E-02	-5.846523E-02	-1.531538E-02	-3.942979E-03	-3.965422E-04	6.207932E-03
1	1.553150E-03	-1.543629E-02	-1.651533E-32	-4.149076E-03	-4.911775E-04	6.207932E-03
2	1.452121E-03	-1.432293E-02	-1.651533E-32	-4.2251201E-03	-3.968523E-04	6.207932E-03
3	-2.312748E-03	-2.771605E-02	-1.651533E-32	-4.2251231E-03	-3.868523E-04	6.207932E-03
4	-2.593987E-02	-7.931429E-01	-1.921549E-01	-2.882635E-02	-1.7379949E-03	6.207932E-03
5	-2.719533E-02	-1.616599E-01	1.116822E-01	-2.882635E-02	-1.7379949E-03	6.207932E-03
6	-6.381253E-02	-3.582311E-02	-0.316527E-03	-7.996447E-04	-7.6073746E-06	6.207932E-03
7	8.983374E-02	-3.582311E-02	-2.610806E-02	-7.996447E-04	-7.6073746E-06	6.207932E-03
8	2.100159E-02	-1.856707E-02	-1.619131E-02	-7.996447E-04	-7.6073746E-06	6.207932E-03
9	-2.550987E-02	-4.754517E-01	-5.011616E-01	-1.882635E-02	-1.7379949E-03	6.207932E-03
0	-2.775533E-02	6.984264E-01	7.105386E-01	-2.882635E-02	-1.088080E-02	6.207932E-03
1	-6.122792E-02	1.371187E-01	-2.794870E-01	-1.620548E-01	-1.088080E-02	6.207932E-03
2	6.311743E-02	1.369746E-01	3.681538E-01	-2.490581E-02	7.314637E-03	6.207932E-03
3	-1.986114E-02	-0.26977E-02	-6.845711E-02	7.2909311E-03	5.571537E-03	6.207932E-03
4	3.190502E-02	5.191003E-02	6.970888E-02	-2.481606E-03	-4.675947E-03	6.207932E-03
5	-2.557827E-02	-6.501313E-02	5.056337E-02	-2.481606E-03	-5.675218E-03	6.207932E-03
6	-2.750397E-02	-6.113564E-03	-4.448868E-02	5.3341804E-03	8.766917E-03	6.207932E-03
7	4.679311E-02	5.932214E-02	2.309730E-02	-1.540156E-03	-1.737572E-03	6.207932E-03
8	4.408098E-02	5.682006E-02	6.309730E-02	7.321265E-03	5.1306128E-03	6.207932E-03
9	1.466350E-02	-5.227061E-02	-0.400706E-02	-5.579662E-03	-3.517524E-04	6.207932E-03
0	2.675674E-02	5.023280E-02	-0.064865E-02	-2.307617E-03	3.236811E-03	6.207932E-03
1	-1.325643E-01	-1.325643E-01	1.337659E-01	-2.481606E-03	-5.837218E-03	6.207932E-03
2	-2.597822E-02	7.120603E-01	-1.520097E-01	5.334184E-03	8.766917E-03	6.207932E-03
3	-9.283464E-02	7.286863E-01	4.803921E-02	-3.665230E-02	2.1277785E-04	6.207932E-03
4	-1.149335E-02	7.286863E-01	2.563866E-02	-3.665196E-02	2.1277785E-04	6.207932E-03
5	-2.315157E-02	7.286863E-01	-0.424502E-02	-3.669730E-02	2.1277785E-04	6.207932E-03
6	-2.591779E-02	7.287066E-01	-1.224793E-01	-3.734135E-02	2.1277785E-04	6.207932E-03
7	-2.727842E-02	7.28715E-01	-1.363305E-01	-3.737318E-02	2.1277785E-04	6.207932E-03
8	-3.1301175E-01	7.289047E-01	-1.761604E-01	-3.806390E-02	2.1277785E-04	6.207932E-03
9	-3.337202E-02	7.730242E-01	-3.97396E-01	-4.067158E-02	2.1277785E-04	6.207932E-03
0	-5.497842E-02	7.730367E-01	-1.40955E-01	-4.054133E-02	2.1277785E-04	6.207932E-03
1	-6.033333E-02	7.730763E-01	-6.671928E-01	-4.063088E-02	2.1277785E-04	6.207932E-03
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AM-1G THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
MISSION=EIGHT CONFIGURATION - 4431 LB GROSS WEIGHT

BASIC MISSION WEIGHT CONFIGURATION - 4415 LB GROSS WEIGHT

**MAY 1961**

ORIGINAL FREQUENCIES AND MODES OF VIBRATION OF A CANTILEVER BEAM.

A T I A L F I G E N V E C T U R N U .							
POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	3.885843E-02	6.790104E-01	-2.231188E-01	0.0	0.0	0.0
3339	G	-2.465333E-02	0.796942E-01	-2.277015E-03	0.0	0.0	0.0
3341	G	7.440273E-03	9.047748E-01	-2.864900E-01	0.0	0.0	0.0
3349	G	-1.115889E-02	9.042175E-01	6.0961172E-02	0.0	0.0	0.0
4631	G	4.1164330E-02	5.947868E-01	3.476391E-01	0.0	0.0	0.0
4633	G	7.3117895E-02	5.547576E-01	-2.950212E-01	0.0	0.0	0.0
4637	G	-5.0181337E-02	5.142558E-01	1.023751E-01	0.0	0.0	0.0
4639	G	6.693083E-02	5.946712E-01	1.550375E-01	0.0	0.0	0.0
4641	G	6.738484E-02	7.595719E-01	3.671311E-01	0.0	0.0	0.0
4649	G	7.100618E-02	7.597119E-01	1.764840E-01	0.0	0.0	0.0
4661	G	2.081895E-02	9.344003E-01	1.091765E-01	0.0	0.0	0.0
4669	G	-6.459776E-03	3.351966E-01	-1.050926E-01	0.0	0.0	0.0
6123	G	9.547597E-02	3.367745E-01	-2.652396E-01	0.0	0.0	0.0
6127	G	-3.5002765E-02	3.349963E-01	1.137194E-01	0.0	0.0	0.0
6131	G	1.356846E-01	4.033311E-01	-3.417167E-01	0.0	0.0	0.0
6133	G	7.836900E-02	4.331134E-01	-2.623872E-01	0.0	0.0	0.0
6137	G	-5.575062E-02	4.331349E-01	1.105323E-01	0.0	0.0	0.0
6139	G	8.294183E-02	5.343664E-01	1.898298E-01	0.0	0.0	0.0
6141	G	9.219344E-02	5.743761E-01	3.594695E-01	0.0	0.0	0.0
6143	G	5.065734E-02	5.749371E-01	-2.598071E-01	0.0	0.0	0.0
6147	G	-4.7742976E-02	5.721656E-01	1.080719E-01	0.0	0.0	0.0
6149	G	-8.491110E-02	5.715892E-01	2.077094E-01	0.0	0.0	0.0
6161	G	3.304761E-02	7.733487E-01	3.732134E-01	0.0	0.0	0.0
6163	G	3.306673E-02	7.734082E-01	-2.579985E-01	0.0	0.0	0.0
6167	G	-9.4279334E-02	7.043458E-01	1.064467E-01	0.0	0.0	0.0
6169	G	9.1279334E-02	7.043473E-01	2.215413E-01	0.0	0.0	0.0
6171	G	1.288473E-02	1.703030E-01	-2.773182E-01	0.0	0.0	0.0
6179	G	-3.754464E-02	4.946933E-01	1.068395E-01	0.0	0.0	0.0
7031	G	1.117151E-01	3.177891E-01	0.0	0.0	0.0	0.0
7033	G	7.714897E-02	3.177987E-01	-2.216924E-01	0.0	0.0	0.0
7037	G	-5.461863E-02	3.177987E-01	9.457237E-02	0.0	0.0	0.0
7039	G	-8.917642E-02	3.177696E-01	0.0	0.0	0.0	0.0
7043	G	5.037703E-02	0.0	-2.266633E-01	0.0	0.0	0.0
7047	G	-6.692595E-02	0.0	4.869242E-02	0.0	0.0	0.0
7061	G	9.072620E-02	6.140109E-01	3.898284E-01	0.0	0.0	0.0
7063	G	3.232312E-02	6.140110E-01	-2.266265E-01	0.0	0.0	0.0
7067	G	-4.568624E-02	6.165036E-01	1.000653E-01	0.0	0.0	0.0
7069	G	-1.033904E-01	6.163594E-01	2.949105E-01	0.0	0.0	0.0
7071	G	-5.583550E-02	0.0	-6.419958E-01	0.0	0.0	0.0
7079	G	-7.364630E-02	0.0	3.262277E-01	0.0	0.0	0.0
7505	G	3.763151E-02	5.952467E-02	-3.561828E-02	-1.581272E-02	-1.77779E-03	-6.598379E-03
8300	G	1.0922193E-01	6.287748E-01	0.0	0.0	0.0	0.0
8531	G	-2.222509E-01	2.5417892E-01	0.0	0.0	0.0	0.0
9533	G	7.714897E-02	2.5423231E-01	1.959580E-01	0.0	0.0	0.0
9537	G	-5.461863E-02	2.5423231E-01	1.292465E-01	0.0	0.0	0.0
8539	G	-9.918994E-02	2.622464E-01	0.0	0.0	0.0	0.0
8543	G	4.948764E-02	0.0	-1.937181E-01	0.0	0.0	0.0
8547	G	-4.712922E-02	0.0	1.172488E-01	0.0	0.0	0.0
8561	G	1.065056E-01	4.628664E-01	3.236097E-01	0.0	0.0	0.0
8563	G	2.777159E-02	4.635443E-01	-1.929674E-01	0.0	0.0	0.0
8567	G	-4.364174E-02	4.554192E-01	1.161667E-01	0.0	0.0	0.0
8569	G	-1.210117E-01	4.554192E-01	2.764161E-01	0.0	0.0	0.0
8571	G	4.939261E-02	0.0	-3.845284E-01	0.0	0.0	0.0
9579	G	-8.092046E-02	0.0	3.197077E-01	0.0	0.0	0.0
9303	G	8.324114E-01	-1.156645E-01	-1.529443E-01	0.0	0.0	0.0
9307	G	1.157147E-01	-1.156645E-01	-1.013094E-01	0.0	0.0	0.0



9313	2.482990E-02	-5.471548E-02	-1.533303E-01	0.0	0.0	0.0
9317	-2.728901E-02	-5.531456E-02	1.015615E-01	0.0	0.0	0.0
9331	1.274154E-01	1.80976E-01	-2.451586E-01	0.0	0.0	0.0
9333	7.773164E-01	1.80976E-01	-1.625556E-01	0.0	0.0	0.0
9337	-5.631245E-02	1.932366E-01	1.100120E-01	0.0	0.0	0.0
9339	-1.041788E-01	1.935087E-01	2.117500E-01	0.0	0.0	0.0
9341	0.0	2.471088E-01	-2.009403E-01	0.0	0.0	0.0
9343	-8.868148E-02	2.466123E-01	-1.543377E-01	0.0	0.0	0.0
9347	-4.625146E-02	2.394218E-01	1.068674E-01	0.0	0.0	0.0
9349	0.0	2.394218E-01	1.782905E-01	0.0	0.0	0.0
9361	1.111140E-01	3.147439E-01	-2.422382E-01	0.0	0.0	0.0
9363	2.041240E-02	3.147439E-01	-1.456090E-01	0.0	0.0	0.0
9367	-3.552246E-02	3.172369E-01	1.033047E-01	0.0	0.0	0.0
9369	-1.452254E-01	3.169965E-01	2.160147E-01	0.0	0.0	0.0
9371	6.293689E-02	3.768827E-01	-2.270135E-01	0.0	0.0	0.0
9373	0.0	3.761050E-01	-1.342620E-01	0.0	0.0	0.0
9377	0.0	3.618294E-01	9.060824E-02	0.0	0.0	0.0
9379	-8.473682E-02	3.821545E-01	2.027953E-01	0.0	0.0	0.0
1100	-9.933643E-03	-6.462276E-03	-7.079476E-02	0.0	0.0	0.0
11503	1.320387E-02	-7.734972E-02	0.0	0.0	0.0	0.0
11507	1.591423E-02	-7.734972E-02	0.0	0.0	0.0	0.0
11531	1.113224E-01	5.291931E-02	0.0	0.0	0.0	0.0
11533	7.036853E-02	5.259466E-02	-6.123908E-02	0.0	0.0	0.0
11537	5.274612E-02	5.283222E-02	6.469643E-02	0.0	0.0	0.0
11539	-9.566855E-02	5.317664E-02	0.0	0.0	0.0	0.0
11543	-6.67699E-02	9.348015E-02	-6.142385E-02	0.0	0.0	0.0
11547	-4.725759E-02	9.048015E-02	6.471825E-02	0.0	0.0	0.0
11551	9.357435E-02	1.453346E-01	-9.400034E-02	0.0	0.0	0.0
11563	1.504732E-02	1.453346E-01	-6.151346E-02	0.0	0.0	0.0
11567	-2.77325E-02	1.15985E-01	6.469941E-02	0.0	0.0	0.0
11569	-1.039334E-01	1.178070E-01	6.469941E-02	0.0	0.0	0.0
11571	1.688972E-02	0.0	-1.136253E-01	0.0	0.0	0.0
11579	-3.757569E-02	0.0	1.205603E-01	0.0	0.0	0.0
11590	-1.368458E-02	-2.448440E-02	3.748800E-02	0.0	0.0	0.0
11700	-4.583061E-03	-1.157382E-01	2.066413E-02	0.0	0.0	0.0
13601	2.170384E-02	-4.948112E-02	1.735486E-02	0.0	0.0	0.0
13603	1.470279E-02	-4.957988E-02	2.197098E-02	0.0	0.0	0.0
13607	-1.664649E-02	-8.900702E-02	2.620315E-02	0.0	0.0	0.0
13609	-2.364632E-02	-8.910388E-02	2.972423E-02	0.0	0.0	0.0
13621	1.306241E-02	-8.93466E-02	1.553285E-02	0.0	0.0	0.0
13623	1.974638E-02	-8.446157E-02	2.315187E-02	0.0	0.0	0.0
13627	-1.920504E-02	-8.447027E-02	2.415366E-02	0.0	0.0	0.0
13629	1.481044E-02	-8.409733E-02	3.124236E-02	0.0	0.0	0.0
13631	9.584361E-02	-7.268888E-02	1.468490E-02	0.0	0.0	0.0
13633	4.513878E-02	-7.318646E-02	2.176073E-02	0.0	0.0	0.0
13637	-3.773928E-02	-7.343921E-02	2.645179E-02	0.0	0.0	0.0
13639	-8.465528E-02	-7.338613E-02	3.163207E-02	0.0	0.0	0.0
13641	0.0	-7.025639E-02	1.533961E-02	0.0	0.0	0.0
13643	3.720262E-02	-6.908059E-02	1.968952E-02	0.0	0.0	0.0
13647	-3.492979E-02	-6.844488E-02	2.528225E-02	0.0	0.0	0.0
13648	-3.463819E-02	-6.844488E-02	2.831724E-02	0.0	0.0	0.0
13649	0.0	-6.855566E-02	6.011421E-02	0.0	0.0	0.0
13661	5.854468E-02	-7.156628E-02	1.442647E-02	0.0	0.0	0.0
13663	1.426226E-02	-7.160747E-02	1.875115E-02	0.0	0.0	0.0
13667	-2.178970E-02	-2.852828E-02	3.459507E-02	0.0	0.0	0.0
13669	-7.688469E-02	-2.842969E-02	3.572114E-02	0.0	0.0	0.0
13671	2.087983E-02	0.0	1.587594E-02	0.0	0.0	0.0
13679	-2.490317E-02	0.0	6.026123E-02	0.0	0.0	0.0
14801	2.170384E-02	-1.048127E-01	2.975281E-02	0.0	0.0	0.0
14803	-1.302208E-02	-1.045319E-01	2.53804E-02	0.0	0.0	0.0
14807	-1.469520E-02	-1.083514E-01	2.140911E-02	0.0	0.0	0.0
14809	-2.364632E-02	-1.085810E-01	1.702232E-02	0.0	0.0	0.0
14821	1.257462E-02	-1.11747E-01	3.150358E-02	0.0	0.0	0.0
14823	1.727152E-02	-1.112031E-01	2.530904E-02	0.0	0.0	0.0
14827	-1.724142E-02	-1.107755E-01	2.140911E-02	0.0	0.0	0.0
14829	-1.431284E-02	-1.112168E-01	1.531266E-02	0.0	0.0	0.0



14831	9.451642E-04	-1.244379E-01	3.217072E-02	2.0	0.0	3.243631E-04	0.0
14832	3.542059E-02	-1.236338E-01	2.635249E-02	0.0	0.0	2.198645E-04	0.0
14833	-1.094329E-02	-1.225837E-01	2.050192E-02	0.0	0.0		0.0
14834	-8.216840E-02	-1.222888E-01	1.441183E-02	0.0	0.0		0.0
14835	0.0	-1.237674E-01	3.303121E-02	0.0	0.0		0.0
14836	3.262706E-02	-1.226777E-01	2.937285E-02	0.0	0.0		0.0
14837	0.0	-1.223306E-01	1.777793E-02	0.0	0.0		0.0
14838	-3.075416E-02	-1.233565E-01	1.322128E-02	0.0	0.0		0.0
14839	0.0	-1.233565E-01	1.322128E-02	0.0	0.0		0.0
14840	4.260487E-02	-1.271574E-01	3.442307E-02	0.0	0.0		0.0
14841	1.488494E-02	-1.285622E-01	3.305789E-02	0.0	0.0		0.0
14842	-1.952929E-02	-1.268952E-01	1.684791E-02	0.0	0.0		0.0
14843	-4.826048E-02	-1.271460E-01	1.138009E-02	0.0	0.0		0.0
14844	2.063868E-02	-1.538974E-01	3.971599E-02	0.0	0.0		0.0
14845	1.482403E-02	-1.538016E-01	3.033460E-02	0.0	0.0		0.0
14846	-2.402222E-02	-1.539727E-01	1.719777E-02	0.0	0.0		0.0
14847	-3.462291E-02	-1.541431E-01	7.453647E-03	0.0	0.0		0.0
14848	1.346960E-02	-1.069913E-01	2.525399E-02	0.0	0.0		0.0
14849	-1.449929E-02	-1.071303E-01	2.071607E-02	0.0	0.0		0.0
14850	1.307826E-02	-1.050159E-01	2.820934E-02	0.0	0.0		0.0
14851	1.302288E-02	-1.039692E-01	2.156246E-02	0.0	0.0		0.0
14852	-1.489519E-02	-1.070124E-01	2.347308E-02	0.0	0.0		0.0
14853	1.453249E-02	-1.056334E-01	1.869241E-02	0.0	0.0		0.0
14854	1.141524E-02	-1.082133E-01	2.908844E-02	0.0	0.0		0.0
14855	1.677383E-02	-1.086374E-01	2.243176E-02	0.0	0.0		0.0
14856	-4.382639E-04	-1.098630E-01	2.246132E-02	0.0	0.0		0.0
14857	-1.687429E-02	-1.090364E-01	2.265443E-02	0.0	0.0		0.0
14858	-1.360231E-02	-1.087099E-01	1.800749E-02	0.0	0.0		0.0
14859	1.811796E-03	0.0	2.255148E-02	0.0	0.0		0.0
14860	4.438349E-04	0.0	2.316630E-02	0.0	0.0		0.0
14861	2.162618E-04	-1.814856E-01	5.590253E-02	0.0	0.0		0.0
14862	-1.111111E-01	-1.513212E-01	0.0	0.0	0.0		0.0
14863	-6.72419E-03	-1.331085E-01	0.0	0.0	0.0		0.0
14864	-2.276551E-02	-1.818890E-01	0.0	0.0	0.0		0.0
14865	-3.302770E-02	-1.815940E-01	0.0	0.0	0.0		0.0
14866	-3.038710E-01	-1.659927E-01	2.811074E-02	0.0	0.0		0.0
14867	-6.755451E-03	-1.091741E-01	5.907049E-02	0.0	0.0		0.0
14868	-7.795434E-03	-1.052470E-01	4.633990E-02	0.0	0.0		0.0
14869	-3.094449E-03	-1.051334E-01	7.683728E-03	0.0	0.0		0.0
14870	-2.079448E-03	-1.048175E-01	4.283369E-03	0.0	0.0		0.0
14871	-3.921654E-03	-1.209657E-01	6.264346E-02	0.0	0.0		0.0
14872	-5.521085E-03	-1.218549E-01	4.775242E-02	0.0	0.0		0.0
14873	-2.516240E-03	-1.220338E-01	2.700811E-02	0.0	0.0		0.0
14874	-1.147499E-03	-1.216826E-01	6.475795E-03	0.0	0.0		0.0
14875	-1.291823E-04	-1.208652E-01	7.637347E-03	0.0	0.0		0.0
14876	1.035596E-02	-1.591614E-01	6.401922E-02	0.0	0.0		0.0
14877	0.0	-1.594537E-01	4.787914E-02	0.0	0.0		0.0
14878	0.0	-1.588807E-01	2.692276E-02	0.0	0.0		0.0
14879	0.0	-1.590020E-01	6.017532E-03	0.0	0.0		0.0
14880	-1.165197E-02	-1.594031E-01	9.942306E-03	0.0	0.0		0.0
14881	-7.321537E-03	-1.975445E-01	5.666913E-02	0.0	0.0		0.0
14882	-4.773270E-03	-1.974673E-01	6.066137E-02	0.0	0.0		0.0
14883	-1.051290E-03	-1.973577E-01	5.355737E-02	0.0	0.0		0.0
14884	7.860702E-04	-1.967537E-01	3.941171E-02	0.0	0.0		0.0
14885	-1.932001E-03	-1.966614E-01	2.677180E-02	0.0	0.0		0.0
14886	-4.126657E-03	-1.969287E-01	1.600242E-02	0.0	0.0		0.0
14887	-4.217185E-04	-1.977652E-01	7.223712E-04	0.0	0.0		0.0
14888	4.684255E-03	-1.979624E-01	7.223712E-04	0.0	0.0		0.0
14889	4.132622E-03	-1.981097E-01	1.113379E-02	0.0	0.0		0.0
14890	-3.303159E-03	-2.023788E-01	6.476301E-02	0.0	0.0		0.0
14891	-8.219140E-04	-2.022734E-01	6.402377E-02	0.0	0.0		0.0
14892	1.811111E-01	-2.025264E-01	7.344566E-03	0.0	0.0		0.0
14893	5.351972E-03	-2.026913E-01	1.947446E-02	0.0	0.0		0.0
14894	5.726703E-03	-2.116242E-01	6.468356E-02	0.0	0.0		0.0
14895	5.002534E-03	-2.116537E-01	6.383383E-02	0.0	0.0		0.0
14896	-3.374988E-03	-2.112375E-01	7.353766E-03	0.0	0.0		0.0
14897	-8.642244E-04	-2.112089E-01	1.107135E-02	0.0	0.0		0.0

18661	G	1.206211-02	-2.165540E-01	6.455135E-12	2.172678E-03	1.285666E-03	1.285666E-03	-7.527913E-04
18662	G	1.322954-02	-2.165540E-01	6.455135E-12	1.607939E-03	9.575170E-04	9.575170E-04	-1.059351E-03
18663	G	6.393324E-03	-2.165540E-01	5.444110E-02	1.460636E-03	1.113727E-05	1.113727E-05	-1.130066E-03
18664	G	1.178609E-01	-2.165540E-01	3.955697E-02	0.0	0.0	0.0	-1.111232E-03
18665	G	6.856430E-03	-2.165540E-01	2.677954E-02	0.0	0.0	0.0	-8.259788E-04
18666	G	1.021504E-02	-2.165540E-01	1.483294E-02	0.0	0.0	0.0	-2.928493E-04
18667	G	9.863038E-03	-2.165540E-01	1.019749E-02	1.485495E-03	-4.674644E-04	-4.674644E-04	6.408915E-04
18668	G	4.034368E-01	-2.165540E-01	1.724537E-03	1.798924E-03	-1.190104E-03	-1.190104E-03	5.742612E-04
18669	G	6.668133E-03	-2.165540E-01	1.039611E-02	0.0	0.0	0.0	6.632687E-04
18670	G	2.142133E-02	-2.165540E-01	5.444110E-02	1.460636E-03	5.391289E-07	5.391289E-07	-0.545355E-04
18681	G	6.141867E-03	-2.165540E-01	5.444110E-02	0.0	0.0	0.0	0.0
18685	G	4.686024E-03	-2.165540E-01	2.680451E-02	0.0	0.0	0.0	0.0
18687	G	1.511175E-02	-2.165540E-01	1.167668E-03	1.485495E-03	-4.157634E-04	-4.157634E-04	-8.545355E-04
18689	G	2.981757E-02	-2.165540E-01	9.812772E-03	0.0	0.0	0.0	0.0
18693	G	4.919264E-03	-2.165540E-01	5.255657E-02	0.0	0.0	0.0	0.0
18697	G	1.384924E-02	-2.165540E-01	4.188716E-04	0.0	0.0	0.0	0.0
18741	G	1.266301E-02	-2.165540E-01	1.372708E-01	1.132257E-03	-1.988358E-05	-1.988358E-05	1.52857E-03
18742	G	8.543399E-03	-2.165540E-01	3.258515E-02	9.230566E-04	2.152806E-03	2.152806E-03	7.634384E-04
18743	G	6.954089E-03	-2.165540E-01	3.06158E-02	0.0	0.0	0.0	6.707949E-04
18745	G	2.307412E-03	-2.165540E-01	2.275695E-02	0.0	0.0	0.0	6.231621E-04
18747	G	2.779230E-04	-2.165540E-01	1.439361E-02	0.0	0.0	0.0	5.823595E-04
18748	G	4.454039E-03	-2.165540E-01	1.203942E-02	0.0	0.0	0.0	7.342640E-04
18751	G	1.062524E-02	-2.165540E-01	3.659166E-03	1.055949E-03	-3.043395E-04	-3.043395E-04	8.12651E-04
18752	G	1.394082E-03	-2.165540E-01	4.08196E-03	1.247510E-03	1.199248E-03	1.199248E-03	9.334791E-04
18758	G	2.651508E-03	-2.165540E-01	3.260423E-02	9.784132E-04	1.364029E-04	1.364029E-04	6.842122E-05
18759	G	3.278971E-03	-2.165540E-01	1.204331E-02	9.784132E-04	2.006180E-04	2.006180E-04	7.805423E-05
18761	G	6.100442E-03	-2.165540E-01	3.77332E-03	1.331450E-03	-8.713184E-04	-8.713184E-04	8.002376E-05
18762	G	5.162406E-03	-2.165540E-01	3.08992E-02	9.82635E-04	1.679688E-03	1.679688E-03	-9.439357E-05
18763	G	3.112895E-03	-2.165540E-01	3.02754E-02	9.82635E-04	1.348170E-03	1.348170E-03	-0.002017E-04
18765	G	3.810326E-03	-2.165540E-01	2.829914E-02	0.0	0.0	0.0	-1.244999E-04
18767	G	2.462876E-03	-2.165540E-01	1.438921E-02	0.0	0.0	0.0	-1.833331E-04
18768	G	2.184703E-03	-2.165540E-01	1.204793E-02	1.086036E-03	-5.395700E-05	-5.395700E-05	-1.408856E-04
18769	G	1.329332E-03	-2.165540E-01	3.756900E-03	1.078901E-03	-1.814673E-04	-1.814673E-04	-1.151300E-04
21183	G	1.601099E-03	-2.165540E-01	1.78600E-02	0.0	0.0	0.0	-1.099467E-04
21187	G	1.010793E-02	-2.165540E-01	4.400281E-03	0.0	0.0	0.0	1.043008E-02
21321	G	3.004113E-02	-2.165540E-01	6.990006E-03	0.0	0.0	0.0	1.039749E-02
21323	G	1.792749E-02	-2.165540E-01	7.016031E-03	0.0	0.0	0.0	0.0
21325	G	6.499760E-03	-2.165540E-01	7.016031E-03	0.0	0.0	0.0	0.0
21327	G	4.491892E-03	-2.165540E-01	7.016031E-03	0.0	0.0	0.0	0.0
21329	G	1.515523E-02	-2.165540E-01	7.016031E-03	0.0	0.0	0.0	0.0
21341	G	1.672867E-02	-2.165540E-01	5.765079E-03	-4.782937E-04	2.705253E-03	2.705253E-03	8.336878E-04
21343	G	1.210632E-02	-2.165540E-01	8.182637E-03	0.0	0.0	0.0	8.212680E-04
21345	G	2.462261E-03	-2.165540E-01	7.428177E-03	0.0	0.0	0.0	8.082783E-04
21347	G	7.825233E-03	-2.165540E-01	6.318770E-03	0.0	0.0	0.0	9.285074E-04
21349	G	1.308070E-02	-2.165540E-01	8.381213E-03	0.0	0.0	0.0	9.296663E-04
21361	G	1.070432E-03	-2.165540E-01	6.694615E-03	0.0	0.0	0.0	0.0
21363	G	2.802109E-03	-2.165540E-01	9.643655E-03	2.840636E-03	-1.301307E-04	-1.301307E-04	0.0
21364	G	1.195666E-03	-2.165540E-01	4.797395E-03	0.0	0.0	0.0	0.0
21366	G	1.298574E-02	-2.165540E-01	1.017627E-02	0.0	0.0	0.0	0.0
21367	G	9.611749E-03	-2.165540E-01	5.312696E-03	2.837850E-03	-1.602009E-03	-1.602009E-03	0.0
21369	G	1.210267E-02	-2.165540E-01	7.793624E-03	0.0	0.0	0.0	0.0
21383	G	1.628937E-03	-2.165540E-01	1.089968E-02	1.716903E-03	-1.973164E-05	-1.973164E-05	1.068560E-02
21387	G	1.008156E-02	-2.165540E-01	4.343212E-03	1.831044E-03	-1.497422E-03	-1.497422E-03	1.065352E-02
21485	G	0.0	-2.165540E-01	9.020304E-03	-5.055622E-04	0.0	0.0	0.0
21801	G	3.192774E-02	-2.165540E-01	1.920722E-03	0.0	0.0	0.0	0.0
21803	G	2.346734E-02	-2.165540E-01	3.891166E-03	0.0	0.0	0.0	0.0
21807	G	1.208246E-03	-2.165540E-01	7.052675E-03	0.0	0.0	0.0	0.0
21809	G	1.085871E-02	-2.165540E-01	9.181041E-03	0.0	0.0	0.0	0.0
21821	G	3.079313E-02	-2.165540E-01	6.234455E-02	0.0	0.0	0.0	0.0
21823	G	1.946300E-02	-2.165540E-01	5.595365E-03	0.0	0.0	0.0	0.0
21825	G	6.933004E-03	-2.165540E-01	5.595365E-03	0.0	0.0	0.0	0.0
21827	G	5.175214E-03	-2.165540E-01	7.655203E-03	0.0	0.0	0.0	0.0
21829	G	1.557983E-02	-2.165540E-01	9.621501E-03	0.0	0.0	0.0	0.0
22312	G	2.958152E-02	-2.165540E-01	1.499704E-03	0.0	0.0	0.0	0.0
22318	G	1.012855E-02	-2.165540E-01	8.631252E-03	0.0	0.0	0.0	0.0

22701	G	-3.156035E-02	-5.168123E-02	-5.162394E-03	0.0	0.0	0.0
22703	G	-2.372105E-02	-5.284773E-02	-1.044786E-03	0.0	0.0	0.0
22707	G	9.945537E-05	-5.262106E-02	4.958563E-03	0.0	0.0	0.0
22709	G	6.737033E-03	-5.161960E-02	8.086362E-03	0.0	0.0	0.0
22721	G	-3.152911E-02	-4.847925E-02	-5.871421E-03	0.0	0.0	0.0
22723	G	-2.033576E-02	-4.878394E-02	1.509793E-03	0.0	0.0	0.0
22725	G	-7.683860E-03	-4.884164E-02	1.685487E-03	0.0	0.0	0.0
22727	G	5.544634E-03	-4.857517E-02	6.446652E-03	0.0	0.0	0.0
22729	G	1.962225E-02	-4.812791E-02	9.582029E-03	0.0	0.0	0.0
23100	G	1.981427E-03	-3.662633E-02	7.887355E-03	0.0	0.0	0.0
25001	G	-3.442994E-02	-1.526535E-02	-2.880500E-02	0.0	0.0	0.0
25003	G	-2.839670E-02	-1.694495E-02	-2.599707E-02	0.0	0.0	0.0
25007	G	-4.483638E-03	-1.774413E-02	-1.353825E-02	0.0	0.0	0.0
25009	G	8.034598E-03	-1.578954E-02	-5.142566E-03	0.0	0.0	0.0
25021	G	-7.066613E-02	-4.644701E-03	-3.162634E-02	0.0	0.0	0.0
25023	G	-8.507472E-03	-4.519883E-03	-2.031342E-02	0.0	0.0	0.0
25024	G	1.910126E-02	-1.018795E-04	-1.263238E-03	0.0	0.0	0.0
25041	G	-2.718033E-02	1.340836E-02	-3.335261E-02	0.0	0.0	0.0
25045	G	0.0	1.151244E-02	-2.506862E-02	0.0	0.0	0.0
25049	G	2.768479E-02	1.030326E-02	1.209461E-03	0.0	0.0	0.0
25061	G	-1.670449E-02	2.520149E-02	-3.356421E-02	0.0	0.0	0.0
25065	G	7.310715E-03	2.565282E-02	-3.177343E-02	0.0	0.0	0.0
25069	G	3.234590E-02	2.563687E-02	2.753217E-03	0.0	0.0	0.0
26801	G	-2.985564E-02	2.158364E-02	-3.751090E-02	0.0	0.0	0.0
26809	G	-3.772905E-03	2.146807E-02	-2.332715E-02	0.0	0.0	0.0
26821	G	-3.957627E-02	3.051127E-02	-4.427437E-02	0.0	0.0	0.0
26829	G	-3.985516E-03	3.037713E-02	-2.903154E-02	0.0	0.0	0.0
26839	G	2.015544E-02	3.041240E-02	-1.369163E-02	0.0	0.0	0.0
26841	G	-2.963633E-02	4.535290E-02	-4.482008E-02	0.0	0.0	0.0
26845	G	0.0	4.540538E-02	-2.922694E-02	0.0	0.0	0.0
26849	G	2.727591E-02	4.528462E-02	-1.327834E-02	0.0	0.0	0.0
26861	G	-1.975912E-02	5.799006E-02	-4.536049E-02	0.0	0.0	0.0
26865	G	6.341484E-03	5.800102E-02	-2.946258E-02	0.0	0.0	0.0
26869	G	3.772174E-02	5.797151E-02	-1.296220E-02	0.0	0.0	0.0
26905	G	-1.151606E-02	1.171305E-01	-5.875978E-02	0.0	0.0	0.0
29921	G	-4.027221E-02	1.195133E-01	-6.443388E-02	0.0	0.0	0.0
29925	G	-4.176398E-03	1.140924E-01	-5.404531E-02	0.0	0.0	0.0
29929	G	2.275944E-02	1.195133E-01	-5.165489E-02	0.0	0.0	0.0
29941	G	-3.239545E-02	1.244203E-01	-6.496066E-02	0.0	0.0	0.0
29945	G	0.0	1.243846E-01	-5.735882E-02	0.0	0.0	0.0
29949	G	3.169576E-02	1.244521E-01	-4.979194E-02	0.0	0.0	0.0
29961	G	-2.254397E-02	1.294705E-01	-6.347269E-02	0.0	0.0	0.0
29965	G	8.841418E-03	1.293998E-01	-5.693000E-02	0.0	0.0	0.0
29969	G	4.66077E-03	1.294705E-01	-5.029191E-02	0.0	0.0	0.0
30345	G	9.464724E-04	1.246497E-01	-5.748902E-02	0.0	0.0	0.0
31745	G	1.588025E-03	1.781122E-01	-7.037401E-02	-3.362416E-04	6.973448E-04	2.652756E-03
33845	G	2.456754E-03	2.448800E-01	-8.529150E-02	-2.328258E-04	7.173431E-04	3.154970E-03
35845	G	3.267253E-03	3.261629E-01	-9.340177E-02	2.786469E-04	7.037362E-04	3.575019E-03
38045	G	3.948115E-03	4.059976E-01	-1.113517E-01	9.495446E-04	6.382933E-04	3.555840E-03
40141	G	-1.245067E-01	4.822548E-01	-1.112200E-02	1.848656E-03	4.996210E-04	3.004570E-03
40142	G	-1.860202E-02	4.822548E-01	-5.022003E-02	2.568673E-03	2.585261E-04	4.484560E-03
43143	G	-3.261268E-02	4.822548E-01	-8.955745E-02	2.746071E-03	2.585261E-04	4.484560E-03
43145	G	4.342383E-03	4.822548E-01	-1.193535E-01	2.673903E-03	2.585261E-04	4.484560E-03
40147	G	6.141137E-02	4.822548E-01	-1.501396E-01	3.015332E-03	2.585978E-04	3.908553E-03
40148	G	6.765039E-02	4.822548E-01	-1.942572E-01	3.536904E-03	2.584686E-04	3.931854E-03
43149	G	1.343355E-01	4.822548E-01	-2.415863E-01	4.263251E-03	2.584686E-04	4.322629E-03
43245	G	4.46713E-03	5.498980E-01	-2.212684E-01	4.705343E-03	2.584686E-04	4.556175E-03
44345	G	3.944677E-03	6.022638E-01	-1.152173E-01	4.475355E-03	-7.418789E-05	3.208895E-03
45245	G	3.625374E-03	6.186609E-01	-1.097334E-01	6.509438E-04	-4.996348E-04	2.464612E-03
46445	G	2.940009E-03	6.325900E-01	-9.391543E-02	7.737104E-04	-7.044508E-04	2.022296E-03
48745	G	-1.251188E-02	6.473828E-01	-8.381218E-02	9.430786E-04	-9.502785E-04	1.412394E-03
48845	G	-2.165150E-02	3.055736E-01	-7.431918E-02	1.454272E-02	-1.037577E-03	-1.452474E-03
49745	G	-3.173120E-02	1.222444E-01	-6.381893E-02	1.651169E-02	-1.135851E-03	-2.560914E-03
50645	G	-4.265751E-02	-5.065331E-02	-2.63647E-02	1.893750E-02	-1.226361E-03	-3.339420E-03
51545	G	-5.369732E-02	-3.037851E-01	-4.991670E-02	2.122661E-02	-1.251657E-03	-3.607150E-03
52045	G	-6.559223E-02	-5.344347E-01	-3.372103E-02	2.345032E-02	-1.343031E-03	-3.451306E-03
					2.446838E-02	-1.362771E-03	-3.269530E-03

6	1.274947	0	2.711601	0	6.766303	0	2.229024	0	2.716021	0	-0.112966
7	4.200770	0	2.147472	0	6.766303	0	2.229024	0	2.716021	0	-0.112966
8	4.200770	0	2.147472	0	6.766303	0	2.229024	0	2.716021	0	-0.112966
9	5.140070	0	2.026436	0	6.773931	0	2.306630	0	1.790047	0	1.508512
10	5.140070	0	2.026436	0	6.773931	0	2.306630	0	1.790047	0	1.508512
11	4.261100	0	1.478468	0	6.773931	0	2.306630	0	1.790047	0	1.508512
12	3.161000	0	1.461206	0	4.202039	0	1.393634	0	2.161177	0	5.908316
13	1.267300	0	1.451020	0	4.202039	0	1.393634	0	2.161177	0	5.908316
14	1.214100	0	1.450015	0	4.202039	0	1.393634	0	2.161177	0	5.908316
15	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
16	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
17	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
18	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
19	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
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21	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
22	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
23	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
24	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
25	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
26	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
27	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
28	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
29	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
30	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
31	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
32	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
33	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
34	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
35	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
36	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
37	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
38	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
39	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
40	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
41	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
42	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
43	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
44	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
45	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
46	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
47	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
48	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
49	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
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51	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
52	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
53	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
54	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
55	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
56	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
57	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
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59	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
60	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
61	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
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87	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
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91	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
92	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
93	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
94	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
95	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
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97	1.161500	0	1.370563	0	4.202039	0	1.393634	0	2.161177	0	5.908316
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71934	1	1.3174283E-02	-3.1145451E-02	1.018161E-02	-5.9974011E-04	-1.358426E-03	6.703046E-03
71935	3	1.642119E-02	-3.1178499E-02	1.018161E-02	-9.9974011E-04	-1.358426E-03	6.703046E-03
71936	3	1.576309E-02	-3.249408E-02	1.018161E-04	-9.9974011E-04	-1.358426E-03	6.6911698E-03
72211	3	1.669636E-02	-2.5111192E-01	1.852334E-02	0.0	0.0	0.0
72213	3	1.928395E-02	-2.3088327E-01	1.847464E-02	-2.253058E-03	-6.980732E-03	6.980732E-03
72217	3	3.072463E-02	-1.973737E-01	1.902477E-02	1.823460E-03	-1.327283E-03	6.927200E-03
72219	3	3.324670E-02	-1.956710E-01	1.909316E-02	0.0	0.0	0.0
72221	3	2.062389E-02	-1.521618E-01	-2.5167033E-03	7.014072E-04	-8.146113E-04	-6.2845939E-03
72224	3	2.459465E-02	-1.394308E-01	-2.6163233E-03	1.3595712E-03	-2.264074E-03	6.741200E-03
72226	3	3.764681E-02	-1.346931E-01	-2.676359E-03	1.303768E-03	-2.8129460E-04	7.191475E-03
72229	3	6.152070E-02	-1.3333339E-01	-2.683976E-03	1.372225E-03	-1.1659414E-03	7.118621E-03
72311	3	3.260165E-02	-2.907225E-02	1.876727E-02	-2.3326621E-03	-1.259510E-03	6.690386E-03
72319	3	3.628825E-02	-2.158873E-02	1.866194E-02	-3.4554410E-03	-1.403464E-03	6.686014E-03
72611	3	5.327432E-02	-2.336865E-01	-2.595212E-02	0.0	0.0	0.0
72814	3	7.010623E-02	-1.809373E-01	-2.523327E-02	0.0	0.0	0.0
72819	3	5.686563E-02	-1.393713E-01	-6.551745E-03	0.0	0.0	0.0
72821	3	5.686563E-02	-1.393713E-01	-6.551745E-03	0.0	0.0	0.0
72829	3	7.037858E-02	-1.264740E-01	6.510171E-03	0.0	0.0	0.0
72831	3	7.037858E-02	-1.264740E-01	2.227031E-02	0.0	0.0	0.0
72839	3	7.462794E-02	-1.943660E-02	-2.230811E-02	0.0	0.0	0.0
73411	3	8.940089E-02	-1.9577719E-01	-3.279103E-02	0.0	0.0	0.0
73419	3	1.098047E-01	-1.823972E-01	-1.268258E-02	0.0	0.0	0.0
73421	3	9.944984E-02	-1.228432E-01	-1.032180E-02	0.0	0.0	0.0
73429	3	1.153852E-01	-1.202451E-01	1.015530E-02	0.0	0.0	0.0
73431	3	1.054673E-01	-2.603981E-02	2.26536E-02	0.0	0.0	0.0
73439	3	1.145456E-01	-2.794736E-02	2.281259E-02	0.0	0.0	0.0
74211	3	1.644375E-01	-1.864419E-01	-4.197616E-02	0.0	0.0	0.0
74219	3	1.644375E-01	-1.864419E-01	-4.197616E-02	0.0	0.0	0.0
74221	3	1.649013E-01	-1.179788E-01	1.407339E-02	0.0	0.0	0.0
74229	3	1.649013E-01	-1.179788E-01	1.407339E-02	0.0	0.0	0.0
74231	3	1.67013E-01	-1.114321E-01	-1.437474E-02	6.707375E-04	-2.942265E-03	6.511670E-03
74239	3	1.6706613E-01	-2.678723E-02	2.378519E-02	0.0	0.0	0.0
75011	3	1.716035E-01	-7.565115E-02	2.389375E-02	0.0	0.0	0.0
75019	3	2.194549E-01	-1.733613E-01	-5.005236E-02	0.0	0.0	0.0
75021	3	2.194549E-01	-1.733613E-01	-4.994554E-02	0.0	0.0	0.0
75029	3	2.031363E-01	-1.073132E-01	1.533942E-02	0.0	0.0	0.0
75031	3	2.274572E-01	-1.228047E-01	-1.551927E-02	0.0	0.0	0.0
75034	3	2.274572E-01	-1.228047E-01	-1.551927E-02	0.0	0.0	0.0
75039	3	2.2462458E-01	-7.2573664E-02	2.692198E-02	0.0	0.0	0.0
75911	3	2.484332E-01	-1.6510312E-01	-5.772502E-02	0.0	0.0	0.0
75919	3	2.741174E-01	-1.524003E-01	-5.810855E-02	0.0	0.0	0.0
75921	3	2.294551E-01	-9.646271E-02	1.3232133E-02	0.0	0.0	0.0
75924	3	2.854442E-01	-4.1364153E-02	1.269234E-02	-5.705365E-04	-5.196519E-03	6.763227E-03
75931	3	2.761622E-01	-2.459030E-02	3.191212E-02	0.0	0.0	0.0
75934	3	2.684431E-01	-2.5039168E-02	3.182304E-02	0.0	0.0	0.0
75939	3	2.2127562E-02	1.070111E-01	-5.722535E-02	-1.5014101E-03	-1.537350E-03	1.132754E-03
73667	3	2.739403E-02	1.598344E-03	-2.036184E-03	0.0	0.0	0.0
73687	3	3.949419E-02	1.1144336E-01	-2.638248E-02	0.0	0.0	0.0
74800	3	2.212562E-02	1.340842E-01	-2.000476E-02	-1.6164101E-03	-1.537350E-03	1.132754E-03
725063	3	1.1974261E-02	2.502149E-02	3.321313E-02	0.0	0.0	0.0
725065	3	2.565282E-02	2.565282E-02	-2.764514E-02	0.0	0.0	0.0
725067	3	2.741304E-02	2.563697E-02	-2.753217E-03	0.0	0.0	0.0
725183	3	1.749926E-02	1.311394E-01	-1.264544E-02	0.0	0.0	0.0
725187	3	4.407593E-02	1.311394E-01	7.226008E-03	0.0	0.0	0.0
725189	3	1.063733E-02	5.799036E-02	-4.020339E-02	0.0	0.0	0.0
725667	3	2.818459E-02	5.797151E-02	-4.020339E-02	0.0	0.0	0.0
727230	3	2.212562E-02	1.621763E-01	1.861741E-02	-1.614101E-03	-1.537350E-03	1.132754E-03
743773	3	5.727213E-02	-2.136234E-01	5.239834E-02	-2.207762E-03	-2.808808E-04	2.617054E-03
748907	3	2.756499E-02	-2.136234E-01	-2.253772E-03	-2.207762E-03	-2.808808E-04	2.617054E-03
749037	3	-6.667325E-03	1.775631E-01	2.224152E-02	-2.207762E-03	-2.808808E-04	2.617054E-03
7493374	3	-4.811056E-03	1.775631E-01	-2.224162E-02	-2.207762E-03	-2.808808E-04	2.617054E-03
7493374	3	-4.811056E-03	1.775631E-01	-2.224162E-02	-2.207762E-03	-2.808808E-04	2.617054E-03
7493374	3	-4.811056E-03	1.775631E-01	-2.224162E-02	-2.207762E-03	-2.808808E-04	2.617054E-03
7493374	3	-4.811056E-03	1.775631E-01	-2.224162E-02	-2.207762E-03	-2.808808E-04	2.617054E-03
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7493374	3	-4.811056E-03	1.775631E-01	-2.224162E-02	-2.207762E-03	-2.808808E-04	2.617054E-03
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7493374	3	-4.811056E-03	1.775631E-01	-2.224162E-02	-2.207762E-03	-2.808808E-04	2.617054E-03
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200114	2.277334E-03	-2.353483E-01	2.239125E-02	-1.039549E-03	1.174750E-04	2.617054E-03
200115	2.807694E-03	-2.194198E-01	2.245919E-02	-1.077362E-03	2.944514E-05	2.617054E-03
200116	2.603649E-03	-1.971528E-01	2.251465E-02	-6.699264E-03	2.603649E-05	2.617054E-03
200117	2.263930E-03	-1.579864E-01	2.258754E-02	-6.268408E-03	2.292769E-05	2.617054E-03
200118	1.306188E-03	-7.330034E-02	2.258659E-02	-7.394046E-03	1.195706E-04	2.617054E-03
200119	7.526927E-05	-3.089479E-02	2.258659E-02	-9.068517E-03	1.195706E-04	2.617054E-03
200120	-1.250154E-03	3.111520E-02	2.258659E-02	-6.268408E-03	1.195706E-04	2.617054E-03
200121	-1.633703E-03	3.111520E-02	2.258659E-02	-6.268408E-03	1.195706E-04	2.617054E-03
200122	1.941324E-02	-3.374921E-01	2.258659E-02	-6.268408E-03	1.195706E-04	2.617054E-03
200123	-2.205412E-02	-5.746315E-01	1.534337E-01	-8.113721E-03	1.195706E-04	2.617054E-03
200124	-5.722710E-02	-1.506240E-01	4.627376E-02	2.201762E-03	2.408098E-04	2.617054E-03
200125	2.754499E-02	-1.566240E-01	-8.371357E-03	2.201762E-03	2.408098E-04	2.617054E-03
200126	-8.641056E-03	-1.443448E-01	1.816885E-02	2.201762E-03	2.408098E-04	2.617054E-03
200127	1.941324E-02	-2.623498E-01	1.454339E-01	-8.113721E-03	1.204653E-04	2.617054E-03
200128	-2.205412E-02	-4.213753E-01	-2.542324E-01	-1.547390E-02	1.204653E-04	2.617054E-03
200129	-5.227950E-03	-1.198491E-01	6.487697E-02	-5.121827E-03	9.209492E-04	2.617054E-03
200130	7.708007E-04	-1.402872E-01	-9.116543E-02	-1.115733E-02	2.965328E-04	2.617054E-03
200131	-1.449322E-02	-1.371333E-01	2.071607E-02	-2.178738E-03	9.151742E-04	2.617054E-03
200132	1.346960E-02	-1.371333E-01	2.071607E-02	-2.178738E-03	9.151742E-04	2.617054E-03
200133	1.967009E-02	-1.272139E-01	6.670304E-02	-3.167837E-03	3.509532E-04	2.617054E-03
200134	-2.239291E-02	-1.634927E-01	6.670304E-02	-3.167837E-03	3.509532E-04	2.617054E-03
200135	2.754499E-02	-1.634927E-01	6.670304E-02	-3.167837E-03	3.509532E-04	2.617054E-03
200136	-8.517974E-02	-6.557735E-02	3.495301E-02	-3.060349E-03	7.111383E-04	2.617054E-03
200137	1.012859E-02	-5.734086E-02	8.631252E-03	-6.281917E-04	2.065276E-03	2.617054E-03
200138	-2.958352E-02	-7.716315E-02	1.499734E-03	-1.040637E-03	4.242426E-06	2.617054E-03
200139	1.967009E-02	-1.371333E-01	4.479266E-02	-3.924973E-03	1.283000E-03	2.617054E-03
200140	-2.239291E-02	-1.272139E-01	5.366363E-02	-6.430238E-03	1.505871E-04	2.617054E-03
200141	2.970649E-02	-5.332351E-01	1.029893E-02	2.444259E-02	2.753416E-03	2.617054E-03
200142	-5.767869E-02	-5.332351E-01	2.565342E-02	2.444259E-02	1.462771E-03	2.617054E-03
200143	-4.701214E-02	-5.332351E-01	2.565342E-02	2.444259E-02	1.462771E-03	2.617054E-03
200144	-4.453376E-02	-5.332351E-01	1.058306E-01	2.492368E-02	1.362771E-03	2.617054E-03
200145	-3.362111E-02	-5.332351E-01	1.488958E-01	2.526149E-02	1.362771E-03	2.617054E-03
200146	-3.993347E-02	-5.332351E-01	1.442746E-01	2.543792E-02	1.362771E-03	2.617054E-03
200147	-2.252350E-02	-5.332351E-01	1.620178E-01	2.592574E-02	1.362771E-03	2.617054E-03
200148	-2.126214E-02	-5.332351E-01	3.199711E-01	2.813484E-02	1.362771E-03	2.617054E-03
200149	-1.725581E-02	-5.332351E-01	3.255222E-01	2.819831E-02	1.362771E-03	2.617054E-03
200150	-1.132579E-03	-5.332351E-01	4.557963E-01	2.827960E-02	1.362771E-03	2.617054E-03
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BASIC MISSION WEIGHT CONFIGURATION - 1955 LB GROSS WEIGHT  
NATURAL FREQUENCIES AND MODE SHAPE S  
EIGENVALUE = 1.174621E-04

POINT ID.	TYPE	T1	T2	T3	41	42	R3
3331	G	7.901302E-02	-7.064131E-02	-4.910204E-01	0.0	0.0	0.0
3339	G	5.540531E-02	-7.076073E-02	-5.256703E-01	0.0	0.0	0.0
3361	G	-1.057706E-02	-1.023874E-01	-4.819618E-01	0.0	0.0	0.0
3369	G	-6.050715E-03	-1.022951E-01	-5.343427E-01	0.0	0.0	0.0
4631	G	4.676463E-02	-6.146177E-02	-3.914217E-01	0.0	0.0	0.0
4633	G	4.661272E-02	-4.972541E-02	-3.995381E-01	0.0	0.0	0.0
4637	G	5.915510E-02	-4.984219E-02	-4.634903E-01	0.0	0.0	0.0
4639	G	3.975001E-02	-6.214992E-02	-4.684879E-01	0.0	0.0	0.0
4641	G	-1.695343E-03	-8.7403870E-02	-3.885722E-01	0.0	0.0	0.0
4649	G	-2.991894E-03	-8.740628E-02	-4.716523E-01	0.0	0.0	0.0
4661	G	-6.112454E-02	-1.133967E-01	-3.975655E-01	0.0	0.0	0.0
4669	G	-5.551049E-02	-1.144003E-01	-4.628963E-01	0.0	0.0	0.0
6123	G	7.647604E-02	-2.311702E-02	-3.040937E-01	0.0	0.0	0.0
6127	G	9.302814E-02	-2.246029E-02	-3.625997E-01	0.0	0.0	0.0
6131	G	9.252266E-02	-3.809586E-02	-2.927542E-01	0.0	0.0	0.0
6133	G	4.875734E-02	-3.810528E-02	-3.041553E-01	0.0	0.0	0.0
6137	G	5.830549E-02	-3.866599E-02	-3.623044E-01	0.0	0.0	0.0
6139	G	6.144527E-02	-3.881374E-02	-3.758479E-01	0.0	0.0	0.0
6141	G	-3.359600E-03	-6.144481E-02	-3.046313E-01	0.0	0.0	0.0
6143	G	9.114668E-04	-6.144481E-02	-3.046313E-01	0.0	0.0	0.0
6147	G	1.076035E-02	-6.468802E-02	-3.621639E-01	0.0	0.0	0.0
6149	G	1.479633E-02	-5.967926E-02	-3.747649E-01	0.0	0.0	0.0
6151	G	3.575760E-02	-7.972538E-02	-2.878624E-01	0.0	0.0	0.0
6153	G	-3.073939E-02	-7.973582E-02	-3.049701E-01	0.0	0.0	0.0
6167	G	-2.655440E-02	-1.706614E-02	-3.622374E-01	0.0	0.0	0.0
6169	G	-1.600393E-02	-9.174186E-02	-3.891175E-01	0.0	0.0	0.0
6171	G	-5.717366E-02	-1.257754E-01	-3.573433E-01	0.0	0.0	0.0
6174	G	-8.442265E-02	-1.257754E-01	-4.111232E-01	0.0	0.0	0.0
7031	G	4.140314E-02	-3.149622E-02	-2.525423E-01	0.0	0.0	0.0
7033	G	4.754532E-02	-3.149504E-02	-2.525423E-01	0.0	0.0	0.0
7037	G	7.644394E-02	-3.149504E-02	-3.051582E-01	0.0	0.0	0.0
7039	G	6.134179E-02	-3.149504E-02	-3.0	0.0	0.0	0.0
7041	G	-1.084543E-03	0.0	-2.512774E-01	0.0	0.0	0.0
7047	G	9.205689E-03	0.0	-3.249814E-01	0.0	0.0	0.0
7061	G	-3.872444E-02	-5.591123E-02	-1.987414E-01	0.0	0.0	0.0
7063	G	-3.456249E-02	-6.591123E-02	-2.508196E-01	0.0	0.0	0.0
7067	G	-2.627110E-02	-8.937079E-02	-3.047945E-01	0.0	0.0	0.0
7069	G	-1.662011E-02	-8.926630E-02	-3.060758E-01	0.0	0.0	0.0
7071	G	-8.121594E-02	0.0	-1.814749E-01	0.0	0.0	0.0
7079	G	-8.024347E-02	0.0	-3.015857E-01	0.0	0.0	0.0
7505	G	1.478242E-01	1.042331E-02	-2.449554E-01	2.840811E-03	-6.432031E-03	7.500271E-04
8300	G	-1.044211E-01	-8.045314E-02	-1.996267E-01	0.0	0.0	0.0
8531	G	3.807507E-02	-2.225657E-02	0.0	0.0	0.0	0.0
8533	G	5.484385E-02	-2.225657E-02	0.0	0.0	0.0	0.0
8537	G	5.784434E-02	-2.225657E-02	-1.594703E-01	0.0	0.0	0.0
8539	G	6.023386E-02	-2.225657E-02	-1.222871E-01	0.0	0.0	0.0
8543	G	-2.975675E-03	0.0	0.0	0.0	0.0	0.0
8547	G	7.444164E-03	0.0	-1.600572E-01	0.0	0.0	0.0
8561	G	4.059046E-02	-5.231320E-02	-2.119561E-01	0.0	0.0	0.0
8563	G	-3.757146E-02	-5.235907E-02	-1.194979E-01	0.0	0.0	0.0
8567	G	-3.056240E-02	-6.860065E-02	-1.602025E-01	0.0	0.0	0.0
8569	G	-1.554565E-02	-6.860065E-02	-2.118466E-01	0.0	0.0	0.0
8571	G	-8.193833E-02	0.0	-1.033416E-01	0.0	0.0	0.0
9303	G	2.125464E-02	3.539334E-02	-1.119227E-01	0.0	0.0	0.0
9307	G	1.617565E-02	3.539334E-02	-1.556234E-01	0.0	0.0	0.0

9313	-1.044400	0.0	2.440110E-02	-1.118774E-21	0.0
9317	-8.140600E-03	0.0	2.425161E-02	-1.556809E-01	0.0
9331	3.500000E-02	0.0	-1.664501E-02	-9.342901E-02	0.0
9333	2.01717E-02	0.0	-1.284257E-02	-1.098721E-01	0.0
9337	5.626471E-02	0.0	-1.196392E-02	-1.565987E-01	0.0
9339	2.811416E-02	0.0	-1.817681E-02	-1.712184E-01	0.0
9341	0.0	0.0	-1.108121E-02	-8.035844E-02	0.0
9343	-4.445119E-03	0.0	-3.067052E-02	-9.716374E-02	0.0
9347	5.464671E-03	0.0	-3.065324E-02	-1.426257E-01	0.0
9349	0.0	0.0	-3.095180E-02	-1.492794E-01	0.0
9361	-3.607879E-02	0.0	-4.368451E-02	-7.132993E-02	0.0
9363	-3.568925E-02	0.0	-4.368022E-02	-8.882684E-02	0.0
9367	-3.080079E-02	0.0	-4.474918E-02	-1.327439E-01	0.0
9369	-1.113329E-02	0.0	-4.415693E-02	-1.501422E-01	0.0
9371	3.2489436E-02	0.0	-5.598885E-02	-6.61477E-02	0.0
9373	0.0	0.0	-5.576577E-02	-8.505415E-02	0.0
9377	-4.447914E-02	0.0	-5.474836E-02	-1.359702E-01	0.0
9379	-5.254017E-02	0.0	-5.423262E-02	-1.404511E-01	0.0
11300	-7.056311E-03	0.0	9.457562E-03	-2.997722E-02	0.0
11503	-6.016268E-03	0.0	2.136783E-02	0.0	0.0
11507	2.421563E-02	0.0	-2.243531E-03	0.0	0.0
11533	3.025038E-02	0.0	-2.559420E-03	6.213736E-03	0.0
11537	4.296394E-02	0.0	-5.142927E-03	-2.245558E-02	0.0
11539	4.491025E-02	0.0	-5.514726E-03	0.0	0.0
11543	-4.248662E-03	0.0	-1.399255E-02	6.157394E-03	0.0
11547	4.033335E-03	0.0	-1.399255E-02	-2.265113E-02	0.0
11561	-3.202499E-02	0.0	-2.654547E-02	5.435598E-03	0.0
11563	-2.976106E-02	0.0	-2.657969E-02	6.107107E-03	0.0
11567	-2.721931E-02	0.0	-1.335347E-02	-2.279174E-02	0.0
11569	-1.102452E-02	0.0	-1.335347E-02	-3.291420E-02	0.0
11571	-5.783175E-02	0.0	0.0	1.229544E-02	0.0
11579	-5.873307E-02	0.0	0.0	-3.081546E-02	0.0
11700	-5.195729E-02	0.0	9.914845E-03	-4.198139E-02	0.0
13500	-2.509205E-03	0.0	2.631010E-03	6.886580E-02	0.0
13801	-5.148690E-03	0.0	1.655341E-02	6.634132E-02	0.0
13803	-5.567115E-03	0.0	1.700449E-02	8.536118E-02	0.0
13807	-5.692564E-03	0.0	1.709394E-02	7.779366E-02	0.0
13809	-5.745143E-03	0.0	1.686844E-02	7.401991E-02	0.0
13821	-5.128171E-03	0.0	1.367451E-02	8.642542E-02	0.0
13823	-2.390041E-03	0.0	1.339325E-02	8.586372E-02	0.0
13827	-5.306744E-04	0.0	1.279735E-02	7.769501E-02	0.0
13829	-8.126326E-04	0.0	1.244189E-02	7.283148E-02	0.0
13831	1.454983E-02	0.0	9.555008E-03	6.419460E-02	0.0
13833	1.064742E-02	0.0	9.119794E-03	8.240584E-02	0.0
13837	1.912113E-02	0.0	7.722758E-03	7.460028E-02	0.0
13839	3.226196E-02	0.0	7.378630E-03	7.111508E-02	0.0
13841	0.0	0.0	2.376397E-03	7.849950E-02	0.0
13843	-2.448359E-03	0.0	2.972071E-03	8.081129E-02	0.0
13847	3.651152E-03	0.0	3.024693E-03	7.255280E-02	0.0
13848	3.530892E-03	0.0	4.254557E-03	6.496489E-02	0.0
13849	0.0	0.0	3.531897E-03	5.2483351E-02	0.0
13861	-2.046318E-02	0.0	1.230960E-03	7.583323E-02	0.0
13863	-1.570662E-02	0.0	1.125674E-03	7.948462E-02	0.0
13867	-1.821659E-02	0.0	1.865174E-04	5.502778E-02	0.0
13869	-1.218222E-02	0.0	-1.602132E-05	4.736719E-02	0.0
13871	-4.392715E-02	0.0	0.0	7.428133E-02	0.0
13879	-3.314218E-02	0.0	0.0	4.716943E-02	0.0
14801	-5.148690E-03	0.0	1.624317E-02	8.453879E-02	0.0
14803	-5.751673E-03	0.0	1.670306E-02	9.484688E-02	0.0
14807	-5.771227E-03	0.0	1.758083E-02	7.780975E-02	0.0
14809	-5.745143E-03	0.0	1.729319E-02	7.658970E-02	0.0
14821	-5.034003E-03	0.0	1.314549E-02	8.708930E-02	0.0
14823	-3.428698E-03	0.0	1.338188E-02	8.444688E-02	0.0
14827	-2.130895E-03	0.0	1.528606E-02	7.780975E-02	0.0
14829	-8.190628E-03	0.0	1.565407E-02	7.635313E-02	0.0



14511	1.748622E-02	9.55130E-03	8.651975E-03	0.0	0.0	0.0	0.0
14512	9.871507E-03	9.977276E-03	8.516610E-02	0.0	0.0	0.0	0.0
14513	1.104036E-02	1.040366E-02	7.946761E-02	0.0	0.0	0.0	0.0
14514	1.540925E-02	1.540925E-02	7.930449E-02	0.0	0.0	0.0	0.0
14515	8.314190E-03	8.314190E-03	8.672968E-02	0.0	0.0	0.0	0.0
14516	3.472517E-03	3.472517E-03	8.549608E-02	0.0	0.0	0.0	0.0
14517	9.787716E-03	9.787716E-03	8.011183E-02	0.0	0.0	0.0	0.0
14518	1.035904E-02	1.035904E-02	7.634566E-02	0.0	0.0	0.0	0.0
14519	1.374740E-02	1.374740E-02	8.438433E-02	0.0	0.0	0.0	0.0
14520	1.174721E-02	8.314190E-03	8.788333E-02	0.0	0.0	0.0	0.0
14521	8.394185E-03	7.494553E-02	7.635287E-02	0.0	0.0	0.0	0.0
14522	1.188967E-02	6.360609E-03	7.635456E-02	0.0	0.0	0.0	0.0
14523	2.545823E-02	6.164071E-03	8.694577E-02	0.0	0.0	0.0	0.0
14524	2.340833E-02	5.992271E-03	8.836845E-02	0.0	0.0	0.0	0.0
14525	3.055336E-02	6.306815E-03	8.322227E-02	0.0	0.0	0.0	0.0
14526	4.672334E-03	1.522440E-02	8.373397E-02	0.0	0.0	0.0	0.0
14527	4.472082E-02	1.472082E-02	7.511972E-02	3.732771E-04	2.589717E-04	2.589717E-04	2.589717E-04
14528	5.711304E-03	1.550530E-02	7.529813E-02	2.556273E-04	4.091787E-04	4.091787E-04	4.091787E-04
14529	5.751273E-03	1.621858E-02	8.752626E-02	0.0	0.0	0.0	0.0
14530	5.771223E-03	1.550465E-02	8.279824E-02	0.0	0.0	0.0	0.0
14531	7.716246E-03	1.294627E-02	7.457315E-02	0.0	0.0	0.0	0.0
14532	7.797278E-03	1.318752E-02	7.640326E-02	0.0	0.0	0.0	0.0
14533	3.326411E-03	1.289719E-02	8.814305E-02	0.0	0.0	0.0	0.0
14534	4.971921E-03	1.226262E-02	8.341656E-02	0.0	0.0	0.0	0.0
14535	4.948411E-03	1.126588E-02	7.837814E-02	0.0	0.0	0.0	0.0
14536	2.942059E-03	1.098993E-02	7.414591E-02	0.0	0.0	0.0	0.0
14537	2.927421E-03	0.0	7.635647E-02	0.0	0.0	0.0	0.0
14538	1.670122E-03	0.0	8.477443E-02	0.0	0.0	0.0	0.0
14539	4.620867E-02	8.971736E-03	7.564773E-02	0.0	0.0	0.0	0.0
14540	5.51454E-02	7.774747E-03	7.667468E-02	0.0	0.0	0.0	0.0
14541	4.402713E-02	7.262334E-03	0.0	0.0	0.0	0.0	0.0
14542	2.813394E-02	7.423494E-03	0.0	0.0	0.0	0.0	0.0
14543	2.473044E-02	7.161997E-03	9.464742E-02	0.0	0.0	0.0	0.0
14544	1.841661E-02	1.235351E-02	1.043639E-01	0.0	0.0	0.0	0.0
14545	1.742027E-02	8.392435E-03	1.036425E-01	0.0	0.0	0.0	0.0
14546	2.235549E-02	8.206438E-03	1.147336E-01	0.0	0.0	0.0	0.0
14547	4.74631E-02	8.698966E-03	1.146194E-01	0.0	0.0	0.0	0.0
14548	2.012877E-02	7.727238E-03	1.337931E-01	0.0	0.0	0.0	0.0
14549	1.94870E-02	8.851312E-03	1.307551E-01	0.0	0.0	0.0	0.0
14550	1.403860E-02	8.524796E-03	1.017949E-01	0.0	0.0	0.0	0.0
14551	1.343627E-02	8.498153E-03	1.030504E-01	0.0	0.0	0.0	0.0
14552	1.843702E-02	8.388840E-03	1.039224E-01	0.0	0.0	0.0	0.0
14553	1.654693E-02	7.744426E-03	1.039420E-01	0.0	0.0	0.0	0.0
14554	2.154883E-03	8.498542E-03	1.013351E-01	0.0	0.0	0.0	0.0
14555	0.0	8.712217E-03	1.020503E-01	0.0	0.0	0.0	0.0
14556	0.0	8.451802E-03	1.032447E-01	0.0	0.0	0.0	0.0
14557	0.0	7.702556E-03	1.463314E-01	0.0	0.0	0.0	0.0
14558	4.956465E-03	7.627428E-03	1.047659E-01	0.0	0.0	0.0	0.0
14559	1.451475E-02	1.009172E-02	1.018652E-01	2.405473E-04	4.833070E-04	4.833070E-04	4.833070E-04
14560	9.443361E-03	9.479351E-03	1.018205E-01	-2.675303E-05	6.419327E-04	6.419327E-04	6.419327E-04
14561	1.193119E-03	9.651053E-03	1.019503E-01	0.0	3.41540E-04	3.41540E-04	3.41540E-04
14562	1.058667E-02	7.314934E-03	1.023897E-01	0.0	0.0	0.0	0.0
14563	1.493677E-02	8.599379E-03	1.032434E-01	0.0	0.0	0.0	0.0
14564	1.314747E-02	7.714164E-03	1.037549E-01	0.0	0.0	0.0	0.0
14565	3.785551E-03	6.798445E-03	1.050369E-01	0.0	0.0	0.0	0.0
14566	7.35043E-03	6.506361E-03	1.061807E-01	-3.222481E-04	3.748762E-04	3.748762E-04	3.748762E-04
14567	9.445399E-03	6.281380E-03	1.070353E-01	-7.202064E-04	5.575452E-04	5.575452E-04	5.575452E-04
14568	1.666742E-02	9.775653E-03	1.018719E-01	-2.548994E-04	7.607464E-04	7.607464E-04	7.607464E-04
14569	5.118454E-03	7.579442E-03	1.062583E-01	-3.423695E-04	9.664567E-04	9.664567E-04	9.664567E-04
14570	1.013805E-02	7.493836E-03	1.072201E-01	-3.726890E-04	2.625177E-04	2.625177E-04	2.625177E-04
14571	2.093123E-02	7.314026E-03	1.020364E-01	-7.060985E-04	7.509427E-04	7.509427E-04	7.509427E-04
14572	1.194791E-02	9.235206E-03	1.019444E-01	-2.705012E-04	7.740858E-04	7.740858E-04	7.740858E-04
14573	6.112132E-03	1.133424E-02	1.019444E-01	-6.411080E-05	2.399839E-04	2.399839E-04	2.399839E-04
14574	1.324477E-02	1.136180E-02	1.073653E-01	-3.365260E-04	2.007491E-04	2.007491E-04	2.007491E-04
14575	0.0	0.0	0.0	-7.825991E-04	5.526554E-04	5.526554E-04	5.526554E-04

18601	2.04716E-03	1.019573E-01	2.665122E-04	-0.000606E-04	-4.384115E-03
18602	1.166471E-03	1.020031E-01	-9.444984E-05	-1.167347E-03	-4.360262E-03
18603	-3.159474E-03	1.022600E-01	-1.876312E-03	-1.566714E-03	-4.167711E-03
18604	-2.328157E-03	1.024133E-01	0.00	0.00	-2.056939E-03
18605	-2.418878E-03	1.030184E-01	0.00	0.00	1.765132E-03
18606	-2.376651E-03	1.037303E-01	0.00	0.00	1.890650E-03
18607	-6.167471E-03	1.053376E-01	-1.352312E-03	-1.258711E-03	3.419308E-03
18608	5.940414E-03	1.064605E-01	-2.901165E-04	-9.925858E-04	3.518331E-03
18609	1.293433E-02	1.072511E-01	-7.845974E-04	-5.225449E-04	3.403356E-03
18610	-1.887029E-02	1.022246E-01	0.00	0.00	0.00
18611	-1.136854E-02	1.024749E-01	-1.963027E-04	-1.552420E-03	7.479424E-05
18612	-2.332490E-02	1.035246E-01	0.00	0.00	0.00
18613	-2.103945E-02	1.036477E-01	-1.352112E-04	-1.169218E-03	7.479744E-05
18614	-1.801468E-02	1.071354E-01	0.00	0.00	0.00
18615	-2.284607E-02	1.021834E-01	0.00	0.00	3.060987E-03
18616	-2.087753E-02	1.021244E-01	0.00	0.00	2.501744E-03
18617	1.493530E-02	9.252266E-02	-4.395577E-04	1.260011E-03	-6.765571E-03
18618	9.144466E-03	9.673882E-02	-6.384724E-04	1.946721E-03	-2.786471E-03
18619	7.971358E-03	9.820386E-02	0.00	0.00	-5.032372E-03
18620	5.166147E-03	1.018955E-01	0.00	0.00	-1.971019E-03
18621	5.987475E-03	1.025378E-01	0.00	0.00	1.609217E-03
18622	5.454623E-03	1.021209E-01	-1.306192E-04	1.799422E-03	2.713543E-03
18623	8.674603E-03	1.021261E-01	-2.137102E-04	9.118668E-04	4.021996E-03
18624	2.430972E-02	9.255862E-02	-4.974421E-04	1.646285E-03	-2.146339E-03
18625	2.382043E-02	9.678948E-02	-5.431648E-04	1.978687E-03	-3.556596E-05
18626	1.902256E-02	1.022494E-01	6.312303E-05	1.806440E-03	-3.725062E-04
18627	1.587307E-02	1.022224E-01	-2.408610E-04	1.289403E-03	-4.913902E-04
18628	2.861211E-02	9.252596E-02	-6.191304E-04	1.789964E-03	1.453476E-03
18629	2.869920E-02	9.681944E-02	-5.545749E-04	1.977836E-03	4.968231E-06
18630	2.864889E-02	9.810793E-02	0.00	2.072779E-03	-5.091942E-03
18631	2.744017E-02	1.026781E-01	0.00	0.00	-2.533444E-04
18632	2.452646E-02	1.034200E-01	0.00	0.00	-4.735033E-04
18633	2.459446E-02	1.022902E-01	1.225146E-06	1.944717E-03	-5.381168E-04
18634	1.929042E-02	1.021833E-01	1.019108E-04	1.431242E-03	-5.493448E-04
18635	-2.223454E-02	4.173475E-02	0.00	-2.196364E-03	8.002529E-04
18636	-2.002544E-02	5.498914E-02	0.00	-1.906741E-03	6.060917E-04
18637	-2.383254E-02	4.490725E-02	0.00	0.00	0.00
18638	-2.422392E-02	4.859585E-02	0.00	0.00	0.00
18639	-2.712433E-02	5.368278E-02	0.00	0.00	0.00
18640	-2.857600E-02	5.371943E-02	0.00	0.00	0.00
18641	-3.371570E-02	5.975246E-02	0.00	0.00	0.00
18642	-1.659147E-02	4.532531E-02	-1.844267E-04	1.082567E-03	8.642311E-04
18643	2.289215E-02	4.871722E-02	0.00	1.089884E-03	6.786413E-04
18644	2.341450E-02	5.449031E-02	0.00	1.221820E-03	-4.736288E-04
18645	1.435595E-02	6.011165E-02	0.00	1.353355E-03	-9.181770E-04
18646	9.229366E-03	6.232688E-02	-7.643134E-04	1.360473E-03	-9.098523E-04
18647	4.207022E-02	4.552443E-02	0.00	0.00	0.00
18648	4.272475E-02	4.877236E-02	-5.575696E-04	-5.318973E-03	0.00
18649	4.825426E-02	5.223156E-02	0.00	0.00	0.00
18650	4.343632E-02	5.756978E-02	0.00	0.00	0.00
18651	3.558474E-02	6.084088E-02	-4.720394E-04	-4.551221E-03	0.00
18652	3.024694E-02	6.279290E-02	0.00	0.00	0.00
18653	-2.211285E-02	4.940794E-02	-7.394298E-04	-4.836407E-03	8.060185E-04
18654	-1.992308E-02	6.148852E-02	-2.261179E-04	-4.145231E-03	6.092575E-04
18655	0.00	6.204368E-02	-4.861966E-04	0.00	0.00
18656	-4.188645E-02	3.282830E-02	0.00	0.00	0.00
18657	-4.704357E-02	3.428466E-02	0.00	0.00	0.00
18658	-5.158078E-02	4.218422E-02	0.00	0.00	0.00
18659	-5.037724E-02	4.492033E-02	0.00	0.00	0.00
18660	-2.457832E-02	3.212847E-02	0.00	0.00	0.00
18661	-2.560641E-02	3.445134E-02	0.00	0.00	0.00
18662	-2.853388E-02	3.894381E-02	0.00	0.00	0.00
18663	-3.074476E-02	4.333274E-02	0.00	0.00	0.00
18664	-3.474645E-02	4.704047E-02	0.00	0.00	0.00
18665	-3.764390E-02	2.213395E-02	0.00	0.00	0.00
18666	-4.592035E-02	3.367696E-02	0.00	0.00	0.00



6.1912	6.1913	6.1914	6.1915	6.1916	6.1917	6.1918	6.1919	6.1920	6.1921	6.1922	6.1923	6.1924	6.1925	6.1926	6.1927	6.1928	6.1929	6.1930	6.1931	6.1932	6.1933	6.1934	6.1935	6.1936	6.1937	6.1938	6.1939	6.1940	6.1941	6.1942	6.1943	6.1944	6.1945	6.1946	6.1947	6.1948	6.1949	6.1950	6.1951	6.1952	6.1953	6.1954	6.1955	6.1956	6.1957	6.1958	6.1959	6.1960	6.1961	6.1962	6.1963	6.1964	6.1965	6.1966	6.1967	6.1968	6.1969	6.1970	6.1971	6.1972	6.1973	6.1974	6.1975	6.1976	6.1977	6.1978	6.1979	6.1980	6.1981	6.1982	6.1983	6.1984	6.1985	6.1986	6.1987	6.1988	6.1989	6.1990	6.1991	6.1992	6.1993	6.1994	6.1995	6.1996	6.1997	6.1998	6.1999	6.2000	6.2001	6.2002	6.2003	6.2004	6.2005	6.2006	6.2007	6.2008	6.2009	6.2010	6.2011	6.2012	6.2013	6.2014	6.2015	6.2016	6.2017	6.2018	6.2019	6.2020	6.2021	6.2022	6.2023	6.2024	6.2025	6.2026	6.2027	6.2028	6.2029	6.2030	6.2031	6.2032	6.2033	6.2034	6.2035	6.2036	6.2037	6.2038	6.2039	6.2040	6.2041	6.2042	6.2043	6.2044	6.2045	6.2046	6.2047	6.2048	6.2049	6.2050	6.2051	6.2052	6.2053	6.2054	6.2055	6.2056	6.2057	6.2058	6.2059	6.2060	6.2061	6.2062	6.2063	6.2064	6.2065	6.2066	6.2067	6.2068	6.2069	6.2070	6.2071	6.2072	6.2073	6.2074	6.2075	6.2076	6.2077	6.2078	6.2079	6.2080	6.2081	6.2082	6.2083	6.2084	6.2085	6.2086	6.2087	6.2088	6.2089	6.2090	6.2091	6.2092	6.2093	6.2094	6.2095	6.2096	6.2097	6.2098	6.2099	6.2100	6.2101	6.2102	6.2103	6.2104	6.2105	6.2106	6.2107	6.2108	6.2109	6.2110	6.2111	6.2112	6.2113	6.2114	6.2115	6.2116	6.2117	6.2118	6.2119	6.2120	6.2121	6.2122	6.2123	6.2124	6.2125	6.2126	6.2127	6.2128	6.2129	6.2130	6.2131	6.2132	6.2133	6.2134	6.2135	6.2136	6.2137	6.2138	6.2139	6.2140	6.2141	6.2142	6.2143	6.2144	6.2145	6.2146	6.2147	6.2148	6.2149	6.2150	6.2151	6.2152	6.2153	6.2154	6.2155	6.2156	6.2157	6.2158	6.2159	6.2160	6.2161	6.2162	6.2163	6.2164	6.2165	6.2166	6.2167	6.2168	6.2169	6.2170	6.2171	6.2172	6.2173	6.2174	6.2175	6.2176	6.2177	6.2178	6.2179	6.2180	6.2181	6.2182	6.2183	6.2184	6.2185	6.2186	6.2187	6.2188	6.2189	6.2190	6.2191	6.2192	6.2193	6.2194	6.2195	6.2196	6.2197	6.2198	6.2199	6.2200	6.2201	6.2202	6.2203	6.2204	6.2205	6.2206	6.2207	6.2208	6.2209	6.2210	6.2211	6.2212	6.2213	6.2214	6.2215	6.2216	6.2217	6.2218	6.2219	6.2220	6.2221	6.2222	6.2223	6.2224	6.2225	6.2226	6.2227	6.2228	6.2229	6.2230	6.2231	6.2232	6.2233	6.2234	6.2235	6.2236	6.2237	6.2238	6.2239	6.2240	6.2241	6.2242	6.2243	6.2244	6.2245	6.2246	6.2247	6.2248	6.2249	6.2250	6.2251	6.2252	6.2253	6.2254	6.2255	6.2256	6.2257	6.2258	6.2259	6.2260	6.2261	6.2262	6.2263	6.2264	6.2265	6.2266	6.2267	6.2268	6.2269	6.2270	6.2271	6.2272	6.2273	6.2274	6.2275	6.2276	6.2277	6.2278	6.2279	6.2280	6.2281	6.2282	6.2283	6.2284	6.2285	6.2286	6.2287	6.2288	6.2289	6.2290	6.2291	6.2292	6.2293	6.2294	6.2295	6.2296	6.2297	6.2298	6.2299	6.2300	6.2301	6.2302	6.2303	6.2304	6.2305	6.2306	6.2307	6.2308	6.2309	6.2310	6.2311	6.2312	6.2313	6.2314	6.2315	6.2316	6.2317	6.2318	6.2319	6.2320	6.2321	6.2322	6.2323	6.2324	6.2325	6.2326	6.2327	6.2328	6.2329	6.2330	6.2331	6.2332	6.2333	6.2334	6.2335	6.2336	6.2337	6.2338	6.2339	6.2340	6.2341	6.2342	6.2343	6.2344	6.2345	6.2346	6.2347	6.2348	6.2349	6.2350	6.2351	6.2352	6.2353	6.2354	6.2355	6.2356	6.2357	6.2358	6.2359	6.2360	6.2361	6.2362	6.2363	6.2364	6.2365	6.2366	6.2367	6.2368	6.2369	6.2370	6.2371	6.2372	6.2373	6.2374	6.2375	6.2376	6.2377	6.2378	6.2379	6.2380	6.2381	6.2382	6.2383	6.2384	6.2385	6.2386	6.2387	6.2388	6.2389	6.2390	6.2391	6.2392	6.2393	6.2394	6.2395	6.2396	6.2397	6.2398	6.2399	6.2400	6.2401	6.2402	6.2403	6.2404	6.2405	6.2406	6.2407	6.2408	6.2409	6.2410	6.2411	6.2412	6.2413	6.2414	6.2415	6.2416	6.2417	6.2418	6.2419	6.2420	6.2421	6.2422	6.2423	6.2424	6.2425	6.2426	6.2427	6.2428	6.2429	6.2430	6.2431	6.2432	6.2433	6.2434	6.2435	6.2436	6.2437	6.2438	6.2439	6.2440	6.2441	6.2442	6.2443	6.2444	6.2445	6.2446	6.2447	6.2448	6.2449	6.2450	6.2451	6.2452	6.2453	6.2454	6.2455	6.2456	6.2457	6.2458	6.2459	6.2460	6.2461	6.2462	6.2463	6.2464	6.2465	6.2466	6.2467	6.2468	6.2469	6.2470	6.2471	6.2472	6.2473	6.2474	6.2475	6.2476	6.2477	6.2478	6.2479	6.2480	6.2481	6.2482	6.2483	6.2484	6.2485	6.2486	6.2487	6.2488	6.2489	6.2490	6.2491	6.2492	6.2493	6.2494	6.2495	6.2496	6.2497	6.2498	6.2499	6.2500	6.2501	6.2502	6.2503	6.2504	6.2505	6.2506	6.2507	6.2508	6.2509	6.2510	6.2511	6.2512	6.2513	6.2514	6.2515	6.2516	6.2517	6.2518	6.2519	6.2520	6.2521	6.2522	6.2523	6.2524	6.2525	6.2526	6.2527	6.2528	6.2529	6.2530	6.2531	6.2532	6.2533	6.2534	6.2535	6.2536	6.2537	6.2538	6.2539	6.2540	6.2541	6.2542	6.2543	6.2544	6.2545	6.2546	6.2547	6.2548	6.2549	6.2550	6.2551	6.2552	6.2553	6.2554	6.2555	6.2556	6.2557	6.2558	6.2559	6.2560	6.2561	6.2562	6.2563	6.2564	6.2565	6.2566	6.2567	6.2568	6.2569	6.2570	6.2571	6.2572	6.2573	6.2574	6.2575	6.2576	6.2577	6.2578	6.2579	6.2580	6.2581	6.2582	6.2583	6.2584	6.2585	6.2586	6.2587	6.2588	6.2589	6.2590	6.2591	6.2592	6.2593	6.2594	6.2595	6.2596	6.2597	6.2598	6.2599	6.2600	6.2601	6.2602	6.2603	6.2604	6.2605	6.2606	6.2607	6.2608	6.2609	6.2610	6.2611	6.2612	6.2613	6.2614	6.2615	6.2616	6.2617	6.2618	6.2619	6.2620	6.2621	6.2622	6.2623	6.2624	6.2625	6.2626	6.2627	6.2628	6.2629	6.2630	6.2631	6.2632	6.2633	6.2634	6.2635	6.2636	6.2637	6.2638	6.2639	6.2640	6.2641	6.2642	6.2643	6.2644	6.2645	6.2646	6.2647	6.2648	6.2649	6.2650	6.2651	6.2652	6.2653	6.2654	6.2655	6.2656	6.2657	6.2658	6.2659	6.2660	6.2661	6.2662	6.2663	6.2664	6.2665	6.2666	6.2667	6.2668	6.2669	6.2670	6.2671	6.2672	6.2673	6.2674	6.2675	6.2676	6.2677	6.2678	6.2679	6.2680	6.2681	6.2682	6.2683	6.2684	6.2685	6.2686	6.2687	6.2688	6.2689	6.2690	6.2691	6.2692	6.2693	6.2694	6.2695	6.2696	6.2697	6.2698	6.2699	6.2700	6.2701	6.2702	6.2703	6.2704	6.2705	6.2706	6.2707	6.2708	6.2709	6.2710	6.2711	6.2712	6.2713	6.2714	6.2715	6.2716	6.2717	6.2718	6.2719	6.2720	6.2721	6.2722	6.2723	6.2724	6.2725	6.2726	6.2727	6.2728	6.2729	6.2730	6.2731	6.2732	6.2733	6.2734	6.2735	6.2736	6.2737	6.2738	6.2739	6.2740	6.2741	6.2742	6.2743	6.2744	6.2745	6.2746	6.2747	6.2748	6.2749	6.2750	6.2751	6.2752	6.2753	6.2754	6.2755	6.2756	6.2757	6.2758	6.2759	6.2760	6.2761	6.2762	6.2763	6.2764	6.2765	6.2766	6.2767	6.2768	6.2769	6.2770	6.2771	6.2772	6.2773	6.2774	6.2775	6.2776	6.2777	6.2778	6.2779	6.2780	6.2781	6.2782	6.2783	6.2784	6.2785	6.2786	6.2787	6.2788	6.2789	6.2790	6.2791	6.2792	6.2793	6.2794	6.2795	6.2796	6.2797	6.2798	6.2799	6.2800	6.2801	6.2802	6.2803	6.2804	6.2805	6.2806	6.2807	6.2808	6.2809	6.2810	6.2811	6.2812	6.2813	6.2814	6.2815	6.2816	6.2817	6.2818	6.2819	6.2820	6.2821	6.2822	6.2823	6.2824	6.2825	6.2826	6.2827	6.2828	6.2829	6.2830	6.2831	6.2832	6.2833	6.2834	6.2835	6.2836	6.2837	6.2838	6.2839	6.2840	6.2841	6.2842	6.2843	6.2844	6.2845	6.2846	6.2847	6.2848	6.2849	6.2850	6.2851	6.2852	6.2853	6.2854	6.2855	6.2856	6.2857	6.2858	6.2859	6.2860	6.2861	6.2862	6.2863	6.2864	6.2865	6.2866	6.2867	6.2868	6.2869	6.2870	6.2871	6.2872	6.2873	6.2874	6.2875	6.2876	6.2877	6.2878	6.2879	6.2880	6.2881	6.2882	6.2883	6.2884	6.2885	6.2886	6.2887	6.2888	6.2889	6.2890	6.2891	6.2892	6.2893	6.2894	6.2895	6.2896	6.2897	6.2898	6.2899	6.2900	6.2901	6.2902	6.2903	6.2904	6.2905	6.2906	6.2907	6.2908	6.2909	6.2910	6.2911	6.2912	6.2913	6.2914	6.2915	6.2916	6.2917	6.2918	6.2919	6.2920	6.2921	6.2922	6.2923	6.2924	6.2925	6.2926	6.2927	6.2928	6.2929	6.2930	6.2931	6.2932	6.2933	6.2934	6.2935	6.2936	6.2937	6.2938	6.2939	6.2940	6.2941	6.2942	6.2943	6.2944	6.2945	6.2946	6.2947	6.2948	6.2949	6.2950	6.2951	6.2952	6.2953	6.2954	6.2955	6.2956	6.2957	6.2958	6.2959	6.2960	6.2961	6.2962	6.2963	6.2964	6.2965	6.2966	6.2967	6.2968	6.2969	6.2970	6.2971	6.2972	6.2973	6.2974	6.2975	6.2976	6.2977	6.2978	6.2979	6.2980	6.2981	6.2982	6.2983	6.2984	6.2985	6.2986	6.2987	6.2988	6.2989	6.2990	6.2991	6.2992	6.2993	6.2994	6.2995	6.2996	6.2997	6.2998	6.2999	6.3000	6.3001	6.3002	6.3003	6.3004	6.3005	6.3006	6.3007	6.3008	6.3009	6.3010	6.3011	6.3012	6.3013	6.3014	6.3015	6.3016	6.3017	6.3018	6.3019	6.3020	6.3021	6.3022	6.3023	6.3024	6.3025	6.3026	6.3027	6.3028	6.3029	6.3030	6.3031	6.3032	6.3033	6.3034	6.3035	6.3036	6.3
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71926	6.607119E-03	7.72265E-03	1.029537E-01	-1.011159E-03	4.941179E-04	5.462104E-04
71936	8.051443E-03	1.875559E-02	6.564203E-02	-3.5391139E-03	1.361495E-03	1.016331E-04
71935	7.780366E-02	1.569268E-02	6.624203E-02	-3.5391139E-03	1.361495E-03	-9.037801E-04
71936	6.627045E-03	1.421116E-02	6.524203E-02	-3.5391139E-03	1.361495E-03	8.756456E-04
72211	2.321476E-02	1.428147E-02	1.138225E-01	-1.138225E-01	0.0	0.0
72219	2.155046E-02	1.395650E-02	1.138225E-01	-1.138225E-01	0.0	0.0
72219	1.524468E-02	5.797138E-02	1.138225E-01	-1.138225E-01	0.0	0.0
72219	1.263186E-02	1.865451E-03	1.138225E-01	-1.138225E-01	0.0	0.0
72221	2.164749E-02	2.165540E-02	1.034237E-01	-3.034237E-01	2.879936E-03	9.104544E-04
72224	1.858911E-02	1.736135E-02	1.034237E-01	-1.224237E-01	1.288362E-04	1.506219E-03
72276	1.245963E-02	9.304456E-03	1.034237E-01	-1.224237E-01	1.005859E-03	7.424820E-04
72276	1.016343E-02	6.312410E-03	1.034237E-01	-1.224237E-01	1.283214E-03	6.345555E-04
72281	1.257463E-02	2.119375E-02	9.036420E-02	-3.036420E-02	1.467925E-03	4.367777E-04
72294	9.725403E-03	1.573367E-02	8.034315E-02	-5.127891E-03	1.317394E-03	6.473715E-04
72411	2.747711E-02	1.948615E-02	1.241143E-01	0.0	0.0	0.0
72419	1.779434E-02	4.190711E-03	1.241143E-01	0.0	0.0	0.0
72421	2.592193E-02	7.460713E-02	1.135244E-01	0.0	0.0	0.0
72424	1.532352E-02	7.149271E-03	1.135244E-01	0.0	0.0	0.0
72431	1.804335E-02	2.244459E-02	9.530599E-02	0.0	0.0	0.0
72434	1.536421E-02	1.682399E-02	9.530599E-02	0.0	0.0	0.0
72434	3.205552E-02	2.139469E-02	1.339469E-01	0.0	0.0	0.0
72434	2.317223E-02	5.301230E-03	1.339469E-01	0.0	0.0	0.0
72421	3.011516E-02	2.491412E-02	1.234174E-01	0.0	0.0	0.0
72424	2.148968E-02	8.056763E-03	1.234174E-01	0.0	0.0	0.0
72431	2.336466E-02	2.513245E-02	1.035535E-01	0.0	0.0	0.0
72434	2.101009E-02	1.464492E-02	1.035535E-01	0.0	0.0	0.0
72411	3.885747E-02	2.616137E-02	1.533265E-01	0.0	0.0	0.0
72414	3.166227E-02	7.646699E-03	1.533265E-01	0.0	0.0	0.0
72421	3.949747E-02	1.741317E-02	1.474713E-01	0.0	0.0	0.0
72424	2.949747E-02	1.741317E-02	1.474713E-01	0.0	0.0	0.0
72431	3.135063E-02	2.261589E-02	1.275534E-01	0.0	0.0	0.0
72434	2.474928E-02	2.015033E-02	1.275534E-01	0.0	0.0	0.0
72434	6.637696E-02	2.674365E-02	1.639321E-01	0.0	0.0	0.0
75019	4.023750E-02	1.081259E-02	1.688837E-01	0.0	0.0	0.0
75021	4.445903E-02	2.965446E-02	1.599065E-01	0.0	0.0	0.0
75024	3.805554E-02	1.671761E-02	1.599065E-01	0.0	0.0	0.0
75031	3.969564E-02	2.793102E-02	1.484737E-01	0.0	0.0	0.0
75039	3.771519E-02	2.494619E-02	1.484737E-01	0.0	0.0	0.0
75911	4.420256E-02	2.395651E-02	1.895040E-01	0.0	0.0	0.0
75921	5.261719E-02	1.505908E-02	1.895040E-01	0.0	0.0	0.0
75924	4.768132E-02	3.148324E-02	1.895040E-01	0.0	0.0	0.0
75931	4.852675E-02	1.727412E-02	1.895040E-01	0.0	0.0	0.0
75934	4.659444E-02	3.022629E-02	1.706254E-01	0.0	0.0	0.0
122407	1.618491E-01	2.527742E-02	1.706254E-01	0.0	0.0	0.0
123467	1.366898E-01	2.027625E-02	3.899743E-02	-2.677100E-04	4.391715E-03	-6.737009E-04
124667	4.501456E-02	1.154724E-02	-1.223617E-02	0.0	0.0	0.0
124807	1.618491E-01	1.433114E-02	-2.032754E-03	0.0	0.0	0.0
125063	2.875291E-02	4.954404E-03	-6.595416E-02	-2.5877160E-04	4.391715E-03	-6.737009E-04
125063	5.109344E-02	2.903076E-03	-7.856381E-02	0.0	0.0	0.0
125067	4.497190E-02	2.932574E-03	-7.856381E-02	0.0	0.0	0.0
125381	1.424749E-01	4.831593E-03	-8.272463E-02	0.0	0.0	0.0
125381	1.413654E-01	4.331593E-03	-8.597922E-02	0.0	0.0	0.0
126863	6.045127E-02	4.483518E-03	-1.490219E-01	0.0	0.0	0.0
126867	4.821012E-02	8.393683E-03	-1.415505E-01	0.0	0.0	0.0
127200	1.618491E-01	7.792974E-03	-1.744786E-01	-2.877160E-04	4.391715E-03	-6.737009E-04
149073	-2.853023E-02	1.747159E-02	1.049977E-01	-4.359870E-04	2.405964E-04	2.771064E-04
149077	-2.167181E-02	1.437159E-02	1.112435E-01	-4.359870E-04	2.405964E-04	2.771064E-04
200070	-2.733082E-02	1.336442E-02	1.029717E-01	-4.359870E-04	2.405964E-04	2.771064E-04
200076	-2.510101E-02	2.668444E-02	1.029717E-01	-4.359870E-04	2.405964E-04	2.771064E-04
200079	-2.467418E-02	2.311019E-02	1.030365E-01	-4.359870E-04	2.405964E-04	2.771064E-04
200086	-2.279606E-02	2.445499E-02	1.031941E-01	-4.359870E-04	2.405964E-04	2.771064E-04
200087	-2.266894E-02	2.644648E-02	1.031941E-01	-4.359870E-04	2.405964E-04	2.771064E-04
200094	-2.042317E-02	3.132762E-02	1.033856E-01	-4.359870E-04	2.405964E-04	2.771064E-04
200094	-2.031221E-02	3.024228E-02	1.033856E-01	-4.359870E-04	2.405964E-04	2.771064E-04
200101	-1.880286E-02	3.269148E-02	1.035354E-01	-1.397651E-04	2.674194E-04	2.771064E-04

200106	1-126194E-02	3-248175E-07	1-037430E-01	7-053102E-05	2-241449E-02	2-771064E-04
200114	-1-480263E-02	3-104929E-07	1-049332E-01	3-835459E-04	3-225340E-02	2-771064E-04
200121	-1-243120E-02	2-766461E-07	1-049976E-01	6-375553E-04	3-564277E-04	2-771064E-04
200129	-9-419627E-03	1-133766E-07	1-047499E-01	6-264844E-04	3-447106E-02	2-771064E-04
200137	-6-143601E-03	1-326777E-07	1-047499E-01	1-054530E-03	4-224449E-02	2-771064E-04
200145	-2-684110E-03	4-588936E-07	1-047499E-01	1-163867E-03	4-362449E-02	2-771064E-04
200153	1-475293E-04	-6-618011E-03	1-047499E-01	1-177088E-03	4-446509E-02	2-771064E-04
200159	1-730217E-03	-7-268936E-03	1-047499E-01	1-197708E-03	4-446509E-02	2-771064E-04
211001	-6-176491E-02	6-452404E-07	4-494934E-01	1-197708E-03	4-446509E-02	2-771064E-04
211002	-6-173573E-02	2-938014E-07	1-577232E-01	6-589363E-04	1-731289E-03	2-771064E-04
211073	-2-853020E-02	2-591253E-07	9-417057E-02	4-359870E-04	2-905764E-02	2-771064E-04
211077	-2-167181E-02	2-591253E-07	1-049611E-01	4-359870E-04	2-905764E-02	2-771064E-04
214075	-2-510101E-02	2-609249E-07	9-875804E-02	4-359870E-04	2-905764E-02	2-771064E-04
214901	-4-178491E-02	4-339239E-07	3-116693E-01	1-972226E-02	1-455940E-03	2-771064E-04
214902	-6-173973E-02	2-231923E-07	4-817917E-02	6-589363E-04	1-751246E-03	2-771064E-04
215101	3-125844E-02	6-413656E-07	-9-604816E-02	1-541316E-02	1-419419E-03	2-771064E-04
215102	-2-264480E-02	1-237522E-07	7-507444E-02	1-212263E-04	1-545684E-03	2-771064E-04
215201	-6-181639E-03	1-472082E-07	7-529819E-02	5-709149E-03	1-545684E-03	2-771064E-04
215202	-4-672334E-03	1-522406E-07	4-511972E-02	1-465510E-03	9-003871E-04	2-771064E-04
222001	-4-194244E-02	4-199745E-07	3-090688E-02	5-853578E-03	1-396419E-03	2-771064E-04
222002	-6-166752E-02	-2-114943E-07	1-232530E-01	7-267423E-04	1-127850E-03	2-771064E-04
222701	-5-852870E-02	5-394846E-07	1-630098E-02	1-657394E-03	1-174001E-03	2-771064E-04
222702	-4-290621E-02	-4-711948E-07	7-735826E-03	9-744342E-04	7-117444E-04	2-771064E-04
222301	-4-592035E-02	-6-492147E-07	3-367696E-02	3-079466E-04	7-117444E-04	2-771064E-04
222302	-3-764390E-02	1-342140E-07	2-213393E-02	8-729691E-04	9-305085E-03	2-771064E-04
223401	-4-194244E-02	2-624977E-07	1-851103E-02	9-533786E-03	1-120850E-03	2-771064E-04
223402	-6-166752E-02	-2-647925E-07	-1-596512E-02	7-267423E-04	1-120850E-03	2-771064E-04
220018	-6-579931E-01	9-083629E-02	3-228340E-01	1-1489109E-02	-1-189109E-02	2-771064E-04
520024	-6-702110E-01	9-083629E-02	3-228340E-01	1-1489109E-02	-1-189109E-02	2-771064E-04
520057	-7-361218E-01	9-083629E-02	3-678793E-01	1-227541E-02	-1-189109E-02	2-771064E-04
520065	-7-526472E-01	9-083790E-02	3-774078E-01	1-281111E-02	-1-189109E-02	2-771064E-04
520068	-7-609676E-01	9-083802E-02	3-822037E-01	1-310708E-02	-1-189109E-02	2-771064E-04
520079	-7-865210E-01	9-084094E-02	3-967970E-01	1-389636E-02	-1-189109E-02	2-771064E-04
520135	-9-457833E-01	9-086156E-02	4-863185E-01	1-743463E-02	-1-189109E-02	2-771064E-04
520139	-9-566297E-01	9-086347E-02	4-944811E-01	1-753424E-02	-1-189109E-02	2-771064E-04
520152	-1-000000E-00	9-086561E-02	5-165635E-01	1-765607E-02	-1-189109E-02	2-771064E-04
520185	-1-104414E-00	9-086961E-02	5-747930E-01	1-765607E-02	-1-189109E-02	2-771064E-04

ARM-1C THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

# NATURAL FREQUENCIES AND MODE SHAPES

1.273281E 04

POINT NO.	TYPE	T1	T2	T3	R1	R2	R3
3131	U	-1.280411E-03	1.879931E-02	2.232650E-02	0.0	0.0	0.0
3134	U	-3.084932E-03	1.800709E-02	2.938250E-02	0.0	0.0	0.0
3141	U	-2.195680E-04	2.580931E-02	2.034737E-02	0.0	0.0	0.0
3149	U	-1.758970E-04	2.573910E-02	3.133874E-02	0.0	0.0	0.0
3631	U	-7.839616E-05	1.637593E-02	1.380415E-02	0.0	0.0	0.0
4631	U	-1.493203E-03	1.384249E-02	1.567297E-02	0.0	0.0	0.0
4637	U	-5.021325E-03	1.384112E-02	2.897182E-02	0.0	0.0	0.0
4639	U	-6.291456E-03	1.638447E-02	2.971826E-02	0.0	0.0	0.0
4641	U	-1.926643E-03	2.157587E-02	1.319981E-02	0.0	0.0	0.0
4644	U	-1.929341E-03	2.160283E-02	3.034183E-02	0.0	0.0	0.0
4649	U	-3.664861E-03	2.730871E-02	1.504307E-02	0.0	0.0	0.0
6123	U	-2.761415E-03	2.712398E-02	2.451199E-02	0.0	0.0	0.0
6127	U	-2.761415E-03	2.750097E-03	1.062125E-02	0.0	0.0	0.0
6127	U	-7.116713E-04	7.994039E-03	2.280559E-02	0.0	0.0	0.0
6127	U	-5.087741E-04	1.064044E-02	9.200759E-03	0.0	0.0	0.0
6131	U	-1.255903E-03	1.064621E-02	1.063466E-02	0.0	0.0	0.0
6133	U	-1.108561E-03	1.063786E-02	2.273417E-02	0.0	0.0	0.0
6137	U	-5.905430E-03	1.068233E-02	2.532375E-02	0.0	0.0	0.0
6139	U	-1.747305E-03	1.567304E-02	7.678215E-03	0.0	0.0	0.0
6143	U	-5.586446E-04	1.567305E-02	1.070039E-02	0.0	0.0	0.0
6147	U	-2.125725E-03	1.611468E-02	2.273218E-02	0.0	0.0	0.0
6149	U	-3.358474E-03	1.614726E-02	2.587321E-02	0.0	0.0	0.0
6154	U	-3.959544E-03	1.951385E-02	7.202033E-03	0.0	0.0	0.0
6154	U	-1.458220E-03	1.951699E-02	1.076941E-02	0.0	0.0	0.0
6163	U	-1.027333E-04	2.022698E-02	2.259306E-02	0.0	0.0	0.0
6167	U	-1.355540E-03	2.023544E-02	2.627835E-02	0.0	0.0	0.0
6171	U	-4.474204E-03	2.417770E-02	1.311131E-02	0.0	0.0	0.0
6174	U	-3.655413E-03	2.424592E-02	2.535745E-02	0.0	0.0	0.0
7031	U	-2.904751E-04	3.813728E-03	0.0	0.0	0.0	0.0
7035	U	-1.281457E-03	4.939386E-03	3.170383E-03	0.0	0.0	0.0
7037	U	-9.260201E-04	4.803983E-03	1.938841E-02	0.0	0.0	0.0
7039	U	-1.031743E-03	8.794270E-03	0.0	0.0	0.0	0.0
7043	U	-6.387841E-04	8.569764E-04	8.569764E-04	0.0	0.0	0.0
7047	U	-2.342004E-03	0.0	1.871715E-02	0.0	0.0	0.0
7061	U	-3.78556E-03	1.611970E-02	1.878069E-03	0.0	0.0	0.0
7061	U	-0.056846E-03	1.616571E-02	8.497075E-03	0.0	0.0	0.0
7067	U	-8.899588E-05	1.753057E-02	1.919616E-02	0.0	0.0	0.0
7069	U	-1.843305E-03	1.753360E-02	2.343924E-02	0.0	0.0	0.0
7071	U	-3.733967E-03	0.0	7.741722E-05	0.0	0.0	0.0
7079	U	1.935910E-03	0.0	2.448497E-02	0.0	0.0	0.0
7505	U	-8.037772E-03	1.255750E-04	1.236147E-02	-5.151320E-04	3.256304E-04	-1.891788E-04
8300	U	-5.207766E-04	1.869581E-03	9.859353E-03	0.0	0.0	0.0
8531	U	-2.318229E-04	6.366772E-03	3.992015E-03	0.0	0.0	0.0
8533	U	-1.291457E-03	6.366564E-03	1.437465E-02	0.0	0.0	0.0
8537	U	-5.065031E-03	6.366558E-03	0.0	0.0	0.0	0.0
8539	U	-6.266332E-03	6.063122E-03	0.0	0.0	0.0	0.0
8543	U	-7.314631E-04	0.0	4.090074E-03	0.0	0.0	0.0
8547	U	-1.940189E-03	0.0	1.427361E-02	0.0	0.0	0.0
8561	U	-4.965565E-03	1.144142E-02	-7.172761E-02	0.0	0.0	0.0
8563	U	-2.318229E-04	1.146036E-02	4.120607E-03	0.0	0.0	0.0
8567	U	-2.167335E-03	1.215965E-02	1.423764E-02	0.0	0.0	0.0
8569	U	-3.500472E-04	1.215965E-02	1.761756E-02	0.0	0.0	0.0
8569	U	-2.294166E-03	1.215965E-02	-2.295941E-03	0.0	0.0	0.0
8571	U	-4.9361155E-03	0.0	1.825821E-02	0.0	0.0	0.0
8579	U	-1.698798E-03	0.0	2.382466E-03	0.0	0.0	0.0
9303	U	-1.698798E-03	-3.1775647E-03	1.599233E-02	0.0	0.0	0.0
9307	U	-2.156077E-03	3.1775698E-03	0.0	0.0	0.0	0.0

9313	1.922411E-03	-1.931315E-03	2.366901E-03	0.0	0.0	0.0
9317	-1.056764E-03	1.846998E-03	1.063764E-02	0.0	0.0	0.0
9321	6.196617E-03	4.476370E-03	-5.891047E-03	0.0	0.0	0.0
9323	-1.197117E-03	4.476370E-03	1.991817E-03	0.0	0.0	0.0
9327	-5.001610E-03	4.476370E-03	1.089319E-02	0.0	0.0	0.0
9339	0.0	4.476370E-03	1.361466E-02	0.0	0.0	0.0
9341	6.008127E-03	4.476370E-03	2.540713E-03	0.0	0.0	0.0
9343	-1.877095E-03	4.476370E-03	1.469462E-03	0.0	0.0	0.0
9347	0.0	4.476370E-03	1.022249E-02	0.0	0.0	0.0
9349	4.972121E-03	4.476370E-03	1.155471E-02	0.0	0.0	0.0
9361	1.879211E-03	4.476370E-03	4.133701E-03	0.0	0.0	0.0
9363	5.264321E-04	4.476370E-03	1.731416E-03	0.0	0.0	0.0
9367	-2.642915E-03	4.476370E-03	4.352791E-03	0.0	0.0	0.0
9369	1.566611E-03	4.476370E-03	1.255239E-02	0.0	0.0	0.0
9371	0.0	4.476370E-03	1.312614E-03	0.0	0.0	0.0
9373	0.0	4.476370E-03	1.729300E-03	0.0	0.0	0.0
9377	0.0	4.476370E-03	9.151552E-03	0.0	0.0	0.0
9379	4.082471E-03	4.476370E-03	1.174599E-02	0.0	0.0	0.0
11300	1.943154E-03	4.476370E-03	1.188492E-03	0.0	0.0	0.0
11503	-1.232975E-03	4.476370E-03	0.0	0.0	0.0	0.0
11507	1.158107E-03	4.476370E-03	0.0	0.0	0.0	0.0
11531	-5.478297E-04	4.476370E-03	0.0	0.0	0.0	0.0
11533	-4.136316E-03	4.476370E-03	2.594704E-03	0.0	0.0	0.0
11539	-5.641744E-03	4.476370E-03	2.915419E-03	0.0	0.0	0.0
11543	7.383190E-04	4.476370E-03	0.0	0.0	0.0	0.0
11547	-1.769208E-03	4.476370E-03	-2.951121E-03	0.0	0.0	0.0
11561	2.692511E-03	4.476370E-03	2.923712E-03	0.0	0.0	0.0
11563	1.367514E-03	4.476370E-03	-2.895206E-03	0.0	0.0	0.0
11567	5.169734E-04	4.476370E-03	-2.951017E-03	0.0	0.0	0.0
11569	-1.556252E-03	4.476370E-03	2.927188E-03	0.0	0.0	0.0
11571	2.732781E-03	4.476370E-03	4.376031E-03	0.0	0.0	0.0
11579	2.140634E-03	4.476370E-03	-3.420541E-03	0.0	0.0	0.0
11700	1.575125E-03	4.476370E-03	4.637137E-03	0.0	0.0	0.0
13500	4.210700E-04	4.476370E-03	4.022148E-03	0.0	0.0	0.0
13601	4.632710E-03	4.476370E-03	3.881739E-03	0.0	0.0	0.0
13603	2.362212E-03	4.476370E-03	-6.005198E-03	0.0	0.0	0.0
13607	-1.838857E-03	4.476370E-03	-5.552057E-03	0.0	0.0	0.0
13609	-4.173812E-03	4.476370E-03	-3.314204E-03	0.0	0.0	0.0
13621	5.603153E-03	4.476370E-03	-2.741572E-03	0.0	0.0	0.0
13623	1.507571E-03	4.476370E-03	-6.322674E-03	0.0	0.0	0.0
13627	-1.764617E-03	4.476370E-03	-5.552601E-03	0.0	0.0	0.0
13629	-5.335586E-03	4.476370E-03	-3.276391E-03	0.0	0.0	0.0
13631	1.586121E-03	4.476370E-03	-2.368228E-03	0.0	0.0	0.0
13633	1.840424E-04	4.476370E-03	-6.604992E-03	0.0	0.0	0.0
13637	-2.477277E-03	4.476370E-03	-5.547985E-03	0.0	0.0	0.0
13639	-4.865933E-03	4.476370E-03	-2.972839E-03	0.0	0.0	0.0
13641	0.0	4.476370E-03	-1.948073E-03	0.0	0.0	0.0
13643	3.354107E-04	4.476370E-03	-6.776731E-03	0.0	0.0	0.0
13647	-1.286757E-03	4.476370E-03	-5.497813E-03	0.0	0.0	0.0
13649	-1.250491E-03	4.476370E-03	-2.793792E-03	0.0	0.0	0.0
13661	0.0	4.476370E-03	-2.240292E-03	0.0	0.0	0.0
13663	2.252354E-04	4.476370E-03	1.283048E-04	0.0	0.0	0.0
13667	3.069702E-04	4.476370E-03	-6.770302E-03	0.0	0.0	0.0
13669	-2.960030E-04	4.476370E-03	-5.473703E-03	0.0	0.0	0.0
13671	2.236591E-03	4.476370E-03	-1.538538E-03	0.0	0.0	0.0
13679	1.519705E-03	4.476370E-03	-2.660062E-04	0.0	0.0	0.0
14801	4.632730E-03	4.476370E-03	-6.686479E-03	0.0	0.0	0.0
14803	2.504873E-03	4.476370E-03	3.798869E-04	0.0	0.0	0.0
14807	-1.983108E-03	4.476370E-03	-5.336970E-03	0.0	0.0	0.0
14809	-4.173812E-03	4.476370E-03	-4.337754E-03	0.0	0.0	0.0
14821	5.892213E-03	4.476370E-03	-3.164432E-03	0.0	0.0	0.0
14823	1.472474E-03	4.476370E-03	-3.164432E-03	0.0	0.0	0.0
14827	-1.591790E-03	4.476370E-03	-5.845282E-03	0.0	0.0	0.0
14829	-5.673579E-03	4.476370E-03	-4.337754E-03	0.0	0.0	0.0



14831	1.602319E-03	-7.322290E-03	-6.947344E-03	0.0	0.0	0.0	0.0	0.0	0.0
14832	3.240118E-04	-7.457804E-03	-4.935157E-03	0.0	0.0	0.0	0.0	0.0	0.0
14833	-1.902140E-03	-7.728684E-03	-3.654477E-03	0.0	0.0	0.0	0.0	0.0	0.0
14834	-4.715168E-03	-7.593747E-03	-1.524151E-03	0.0	0.0	0.0	0.0	0.0	0.0
14835	0.0	-4.246231E-03	-7.738684E-03	0.0	0.0	0.0	0.0	0.0	0.0
14836	4.029337E-04	-4.579721E-03	-5.508784E-03	0.0	0.0	0.0	0.0	0.0	0.0
14837	-1.222555E-03	-4.431341E-03	-3.200067E-03	0.0	0.0	0.0	0.0	0.0	0.0
14838	0.0	-4.435517E-03	-6.846446E-03	0.0	0.0	0.0	0.0	0.0	0.0
14839	-9.297503E-04	-1.531539E-03	-6.825363E-03	0.0	0.0	0.0	0.0	0.0	0.0
14840	-2.754973E-04	-1.634978E-03	-5.253645E-03	0.0	0.0	0.0	0.0	0.0	0.0
14841	-1.243830E-03	-5.702933E-03	-5.680982E-03	0.0	0.0	0.0	0.0	0.0	0.0
14842	7.464189E-04	-1.560213E-03	-5.224597E-03	0.0	0.0	0.0	0.0	0.0	0.0
14843	1.720338E-03	3.854551E-03	-4.851271E-03	0.0	0.0	0.0	0.0	0.0	0.0
14844	1.671310E-06	3.792107E-03	-6.089443E-03	0.0	0.0	0.0	0.0	0.0	0.0
14845	3.735676E-04	3.650414E-03	-2.740584E-03	0.0	0.0	0.0	0.0	0.0	0.0
14846	3.504844E-04	3.941666E-03	-1.795592E-03	0.0	0.0	0.0	0.0	0.0	0.0
14847	4.371404E-03	-1.260531E-03	-3.776093E-03	0.0	0.0	0.0	0.0	0.0	0.0
14848	-3.971404E-03	-1.260531E-03	-4.431341E-03	0.0	0.0	0.0	0.0	0.0	0.0
14849	3.791207E-03	-1.222555E-03	-4.556728E-03	0.0	0.0	0.0	0.0	0.0	0.0
14850	2.504873E-03	-1.576425E-03	-3.427350E-03	0.0	0.0	0.0	0.0	0.0	0.0
14851	-1.943107E-03	-1.494114E-03	-4.474870E-03	0.0	0.0	0.0	0.0	0.0	0.0
14852	-3.167394E-03	-1.509774E-03	-3.624433E-03	0.0	0.0	0.0	0.0	0.0	0.0
14853	5.974930E-03	-1.519508E-03	-4.691817E-03	0.0	0.0	0.0	0.0	0.0	0.0
14854	2.524128E-03	-1.534359E-03	-3.376286E-03	0.0	0.0	0.0	0.0	0.0	0.0
14855	7.429348E-05	-1.514515E-03	-3.937917E-03	0.0	0.0	0.0	0.0	0.0	0.0
14856	-2.610404E-03	-1.526773E-03	-4.534443E-03	0.0	0.0	0.0	0.0	0.0	0.0
14857	5.821426E-03	-1.536231E-03	-3.513347E-03	0.0	0.0	0.0	0.0	0.0	0.0
14858	-8.976443E-04	0.0	-4.536752E-03	0.0	0.0	0.0	0.0	0.0	0.0
14859	-1.033644E-04	0.0	-3.755124E-03	0.0	0.0	0.0	0.0	0.0	0.0
14860	1.474447E-03	5.769735E-03	-1.125333E-02	0.0	0.0	0.0	0.0	0.0	0.0
14861	4.735447E-03	5.769735E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14862	4.613672E-04	5.769735E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14863	-2.425333E-05	5.769735E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14864	4.613672E-04	5.769735E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14865	3.461613E-03	-1.215346E-03	-5.137117E-03	0.0	0.0	0.0	0.0	0.0	0.0
14866	2.277534E-03	-3.438025E-02	-1.743127E-02	0.0	0.0	0.0	0.0	0.0	0.0
14867	-2.209344E-04	-3.438025E-02	-1.227355E-02	0.0	0.0	0.0	0.0	0.0	0.0
14868	-1.944146E-03	-4.593151E-02	-2.894153E-03	0.0	0.0	0.0	0.0	0.0	0.0
14869	5.135688E-03	-2.937797E-02	-3.077357E-03	0.0	0.0	0.0	0.0	0.0	0.0
14870	1.540744E-03	-2.643411E-02	-1.843355E-02	0.0	0.0	0.0	0.0	0.0	0.0
14871	5.465432E-04	-2.636705E-02	-1.229433E-02	0.0	0.0	0.0	0.0	0.0	0.0
14872	-2.957344E-03	-2.533132E-02	-4.686248E-03	0.0	0.0	0.0	0.0	0.0	0.0
14873	-1.954366E-03	-2.533132E-02	3.583643E-03	0.0	0.0	0.0	0.0	0.0	0.0
14874	1.856337E-03	-2.533132E-02	3.103924E-03	0.0	0.0	0.0	0.0	0.0	0.0
14875	0.0	-2.533132E-02	-1.246241E-02	0.0	0.0	0.0	0.0	0.0	0.0
14876	0.0	-2.533132E-02	-1.321545E-02	0.0	0.0	0.0	0.0	0.0	0.0
14877	0.0	-2.533132E-02	-4.674321E-03	0.0	0.0	0.0	0.0	0.0	0.0
14878	0.0	-2.533132E-02	3.673115E-03	0.0	0.0	0.0	0.0	0.0	0.0
14879	-2.376555E-03	-2.027033E-02	1.912433E-02	0.0	0.0	0.0	0.0	0.0	0.0
14880	-5.011735E-03	-1.411760E-02	-2.037224E-02	0.0	0.0	0.0	0.0	0.0	0.0
14881	-3.646234E-03	-1.397404E-02	-1.862665E-02	0.0	0.0	0.0	0.0	0.0	0.0
14882	-1.656873E-03	-1.371713E-02	-1.487836E-02	0.0	0.0	0.0	0.0	0.0	0.0
14883	7.455232E-05	-1.332169E-02	-3.348279E-03	0.0	0.0	0.0	0.0	0.0	0.0
14884	-1.651406E-03	-1.316686E-02	-4.649661E-03	0.0	0.0	0.0	0.0	0.0	0.0
14885	-7.543968E-04	-1.345225E-02	1.095332E-03	0.0	0.0	0.0	0.0	0.0	0.0
14886	-2.047406E-04	-1.354001E-02	5.277313E-03	0.0	0.0	0.0	0.0	0.0	0.0
14887	8.467737E-04	-1.375091E-02	9.277313E-03	0.0	0.0	0.0	0.0	0.0	0.0
14888	1.653732E-03	-1.393086E-02	1.148945E-02	0.0	0.0	0.0	0.0	0.0	0.0
14889	-4.763394E-03	-1.414749E-02	-2.131763E-02	0.0	0.0	0.0	0.0	0.0	0.0
14890	-3.464339E-03	-1.415537E-02	-1.308196E-03	0.0	0.0	0.0	0.0	0.0	0.0
14891	7.013941E-04	-1.415537E-02	-1.102177E-03	0.0	0.0	0.0	0.0	0.0	0.0
14892	1.429519E-03	-1.422421E-02	-1.087316E-03	0.0	0.0	0.0	0.0	0.0	0.0
14893	-3.774614E-03	-4.145757E-03	-1.261488E-03	0.0	0.0	0.0	0.0	0.0	0.0
14894	-3.774614E-03	-4.145757E-03	-1.362498E-03	0.0	0.0	0.0	0.0	0.0	0.0
14895	6.237444E-03	-4.145757E-03	-2.147917E-02	0.0	0.0	0.0	0.0	0.0	0.0
14896	6.237444E-03	-4.145757E-03	-1.089761E-03	0.0	0.0	0.0	0.0	0.0	0.0
14897	4.594614E-04	-4.274148E-03	-1.055733E-03	0.0	0.0	0.0	0.0	0.0	0.0
14898	4.594614E-04	-4.274148E-03	-1.166374E-02	0.0	0.0	0.0	0.0	0.0	0.0
14899	4.594614E-04	-4.274148E-03	1.166374E-02	0.0	0.0	0.0	0.0	0.0	0.0

18661	-3.337161E-03	-1.026338E-03	-2.098379E-02	-1.352569E-04	4.182554E-04	2.360682E-05
18662	-1.172043E-03	-1.172043E-03	-1.878952E-02	-1.033336E-03	3.302277E-04	1.965179E-04
18663	-2.310273E-03	-1.531011E-03	-1.509397E-02	-8.822295E-04	3.222222E-04	2.169230E-04
18664	-5.021661E-04	-1.623555E-03	-9.396628E-03	0.0	0.0	2.189332E-04
18665	3.173255E-04	-1.794872E-03	-4.633393E-03	0.0	0.0	1.607924E-04
18666	9.821547E-04	-1.742352E-03	-1.205855E-02	0.0	0.0	6.139495E-05
18667	7.125203E-04	-1.466537E-03	5.755950E-03	-8.848261E-04	-1.382633E-04	-7.092836E-05
18668	6.607976E-04	-1.345496E-03	9.392334E-03	-1.022826E-03	-1.657633E-04	-1.166333E-04
18669	2.737974E-04	-1.211524E-03	1.156196E-02	-1.342958E-03	-1.933393E-04	-2.824238E-04
18681	1.421610E-03	9.289399E-03	-2.042888E-02	0.0	0.0	0.0
18683	1.553753E-03	9.207275E-03	-1.527362E-02	-8.622293E-04	3.127424E-04	-9.113963E-05
18685	4.664634E-04	8.924346E-03	-4.662200E-03	0.0	0.0	0.0
18687	7.019548E-04	4.104829E-03	5.897421E-03	-8.484261E-04	-1.352631E-04	-9.113963E-05
18689	-9.467899E-04	9.112723E-03	1.096209E-02	0.0	0.0	0.0
18691	1.635741E-03	8.476495E-03	-1.562444E-02	0.0	0.0	0.0
18697	-7.925027E-04	8.377235E-03	6.024447E-03	-8.601182E-03	-6.601182E-03	-2.942914E-04
18741	-5.181629E-03	-1.888977E-02	-3.308505E-02	-1.238978E-03	3.932811E-05	-2.915461E-04
18742	-3.029902E-03	-1.888252E-02	-1.540819E-02	-1.499751E-04	1.094068E-04	3.106799E-04
18743	-2.536190E-03	-1.874758E-02	-1.342146E-02	-9.235607E-04	2.541195E-04	2.541195E-04
18745	-1.490003E-03	-1.854651E-02	-5.255323E-03	0.0	-1.508410E-04	2.029646E-04
18747	4.099032E-04	-1.873499E-02	3.087580E-03	0.0	0.0	1.103560E-04
18748	1.996824E-05	-1.885154E-02	5.180325E-03	-9.590491E-04	6.298812E-06	1.610233E-04
18749	1.623308E-03	-1.87411E-02	3.332258E-02	-2.002791E-04	2.810023E-05	2.002791E-04
18751	-4.785120E-03	-8.38619E-03	-2.330912E-02	-1.245891E-03	-1.171383E-04	2.407320E-04
18752	-4.048724E-03	-9.089595E-03	-1.546124E-02	-9.266285E-04	-3.982353E-05	1.284974E-05
18758	6.474825E-05	-1.94341E-03	5.225461E-03	-9.648793E-04	-3.982126E-05	1.792225E-04
18759	1.068744E-03	-8.56237E-03	1.331218E-03	-1.332870E-03	-1.41384E-05	5.839905E-05
18761	-4.972450E-03	-6.303322E-03	-2.328610E-02	-9.458088E-04	-9.379174E-05	9.685986E-05
18762	-4.207525E-03	-6.551688E-03	-1.549174E-02	-1.032293E-03	-5.942163E-05	1.062681E-04
18763	-3.923077E-03	-6.67804E-03	-1.335236E-02	0.0	-1.191903E-04	1.540175E-04
18765	-2.270849E-03	-6.84294E-03	-5.302522E-03	0.0	0.0	2.409370E-04
18767	-4.592771E-04	-6.84419E-03	3.036699E-03	-2.137217E-05	-2.137217E-05	1.942765E-04
18768	-7.526360E-05	-6.84486E-03	5.25326E-03	-1.063324E-03	-6.157097E-05	1.578638E-04
18769	1.094508E-03	-6.85957E-03	1.323297E-02	-9.884131E-04	2.222810E-05	1.504314E-04
21163	1.813321E-03	-6.375070E-03	-1.060499E-02	0.0	0.0	-9.609230E-04
21187	1.038014E-03	-6.328456E-03	3.857829E-03	0.0	0.0	-9.521253E-04
21321	6.702105E-04	-1.132768E-02	-3.39447E-02	0.0	0.0	0.0
21323	3.452296E-04	-1.125781E-02	-9.583175E-03	0.0	0.0	0.0
21325	1.106911E-03	-1.25045E-02	-3.664634E-03	0.0	0.0	0.0
21327	1.650246E-03	-1.31945E-02	2.307668E-03	0.0	0.0	0.0
21329	3.001275E-03	-1.43083E-02	6.236171E-03	0.0	0.0	0.0
21341	-5.471306E-03	-2.398499E-02	-1.446264E-02	-8.588093E-04	4.148629E-05	1.393495E-04
21343	-4.368588E-03	-2.38402E-02	-1.103949E-02	0.0	3.838274E-05	1.628008E-04
21345	-1.748280E-03	-2.37774E-02	-3.719616E-03	0.0	-1.749009E-05	2.451388E-04
21347	8.240573E-04	-2.406480E-02	3.655458E-03	0.0	-7.336290E-05	1.548054E-04
21349	1.625570E-03	-2.409134E-02	7.102143E-03	-8.202170E-04	-7.646647E-05	1.304565E-04
21351	-7.297616E-03	-1.792210E-02	-1.471503E-02	0.0	0.0	0.0
21363	-5.835079E-03	-1.802778E-02	-1.147118E-02	-7.730452E-04	6.226897E-04	0.0
21364	-4.900210E-03	-1.805651E-02	-6.974783E-03	0.0	0.0	0.0
21366	-1.269551E-03	-1.808198E-02	-4.970884E-04	0.0	0.0	0.0
21367	5.335583E-04	-1.807180E-02	4.004664E-03	-7.747766E-04	0.0	0.0
21369	2.170163E-03	-1.801708E-02	7.386830E-03	0.0	0.0	0.0
21383	1.801871E-03	-8.532599E-03	-1.158170E-02	-7.200604E-04	5.772809E-04	-9.790049E-04
21387	-1.035902E-03	-8.468401E-03	4.057910E-03	-7.424261E-04	-1.208644E-04	-9.702197E-04
21465	0.0	-9.465635E-03	-4.072838E-03	-5.964187E-04	0.0	0.0
21801	1.216349E-03	-3.371166E-02	-1.073685E-02	0.0	0.0	0.0
21803	2.233913E-03	-3.480534E-02	-7.553827E-03	0.0	0.0	0.0
21807	2.492789E-03	-3.486513E-02	2.275097E-03	0.0	0.0	0.0
21809	3.264313E-03	-3.377846E-02	5.344439E-03	0.0	0.0	0.0
21821	-8.952972E-04	-2.995040E-02	-1.214701E-02	0.0	0.0	0.0
21823	1.398387E-04	-3.006134E-02	-8.494202E-03	0.0	0.0	0.0
21825	1.170205E-03	-3.017219E-02	-2.657846E-03	0.0	0.0	0.0
21827	2.052177E-03	-3.014082E-02	3.124403E-03	0.0	0.0	0.0
21829	3.287388E-03	-3.009169E-02	6.647360E-03	0.0	0.0	0.0
22312	5.913684E-04	-3.178311E-02	-9.322818E-03	0.0	0.0	0.0
22318	3.252364E-03	-3.173093E-02	5.286861E-03	0.0	0.0	0.0



[illegible]

71926	1.134327E-04	1.110004E-02	1.552262E-02	-1.743724E-03	-1.334470E-04	-3.334740E-04
71936	1.761708E-03	1.201198E-02	1.037775E-02	-2.590301E-03	-7.091534E-02	-1.024000E-04
71937	1.627131E-02	7.461334E-02	1.037775E-02	-2.590301E-03	-7.091534E-02	-1.234240E-04
71938	1.891131E-01	5.998023E-02	1.037775E-02	-2.590301E-03	-7.091534E-02	-2.704910E-04
72211	2.031344E-04	5.912409E-03	1.951685E-02	0.0	0.0	0.0
72213	6.907770E-04	1.731122E-03	1.954354E-02	-2.163046E-03	-4.724840E-04	1.220557E-04
72214	1.284112E-04	1.348016E-02	1.942520E-02	-2.356925E-03	-4.724840E-04	-2.850414E-04
72219	1.371417E-03	1.748176E-02	1.982662E-02	0.0	0.0	0.0
72221	1.062711E-03	1.303108E-03	2.068533E-02	-2.743133E-03	2.560769E-04	-2.264499E-05
72224	1.171768E-03	6.587268E-03	2.071163E-02	-2.037709E-03	-2.268344E-04	-2.592417E-05
72226	1.238858E-03	1.866471E-02	2.080013E-02	-1.981334E-03	-3.044347E-04	-2.304387E-04
72227	1.242867E-03	2.263766E-02	2.080013E-02	-2.447613E-03	3.056186E-04	-2.621100E-04
72231	1.142276E-03	2.044253E-02	1.947932E-02	-2.437163E-03	-1.908130E-04	-1.336352E-04
72239	1.082469E-03	2.593499E-02	1.946697E-02	-3.297119E-03	-2.410731E-05	-4.584505E-04
72411	3.112613E-04	7.613925E-03	3.281154E-02	0.0	0.0	0.0
72419	5.249774E-04	1.603704E-02	3.281206E-02	0.0	0.0	0.0
72421	4.458065E-04	2.707043E-03	3.336275E-02	0.0	0.0	0.0
72429	4.712367E-04	2.185268E-02	3.333591E-02	0.0	0.0	0.0
72831	4.768504E-04	1.428461E-02	3.295522E-02	0.0	0.0	0.0
72834	3.857349E-04	2.442111E-02	3.296032E-02	0.0	0.0	0.0
73411	-4.833729E-04	3.436441E-03	4.607636E-02	0.0	0.0	0.0
73419	-1.418122E-04	-1.540899E-02	4.636142E-02	0.0	0.0	0.0
73421	-2.717941E-04	-2.311291E-03	4.649832E-02	0.0	0.0	0.0
73429	-2.459021E-04	-1.100765E-02	4.652424E-02	0.0	0.0	0.0
73431	-2.345081E-04	1.807402E-02	4.641733E-02	0.0	0.0	0.0
73434	-2.864344E-04	2.390115E-02	4.642440E-02	0.0	0.0	0.0
74211	-1.019317E-03	4.257191E-03	6.661434E-02	0.0	0.0	0.0
74219	-8.776271E-04	1.406211E-02	6.657325E-02	0.0	0.0	0.0
74221	-8.723765E-04	1.671196E-03	6.659123E-02	0.0	0.0	0.0
74229	-1.333684E-03	1.454532E-02	6.663162E-02	-2.059428E-03	-3.434314E-06	-3.627611E-04
74231	-1.333177E-03	1.612348E-02	6.618113E-02	0.0	0.0	0.0
74234	-1.100416E-03	2.613584E-02	6.617431E-02	0.0	0.0	0.0
75011	-9.377036E-04	4.969705E-03	4.856761E-02	0.0	0.0	0.0
75019	-1.226046E-03	1.212645E-02	8.851708E-02	0.0	0.0	0.0
75021	-9.412793E-04	1.014327E-03	8.778133E-02	0.0	0.0	0.0
75029	-1.505298E-03	1.792840E-02	8.779317E-02	0.0	0.0	0.0
75031	-1.400655E-03	1.402044E-02	8.678234E-02	0.0	0.0	0.0
75034	-1.603396E-03	1.405436E-02	8.678782E-02	0.0	0.0	0.0
75911	-4.414730E-04	3.348604E-03	1.120815E-01	0.0	0.0	0.0
75919	-1.317104E-03	9.446051E-03	1.123217E-01	0.0	0.0	0.0
75921	-1.247513E-04	7.793554E-04	1.104159E-01	0.0	0.0	0.0
75929	-1.704666E-03	1.580666E-02	1.104731E-01	-2.732264E-03	2.115212E-04	-7.27745E-04
75931	-1.444917E-03	1.185101E-02	1.086183E-01	0.0	0.0	0.0
75939	-1.765216E-03	1.381878E-02	1.086183E-01	0.0	0.0	0.0
12240J	-6.764751E-03	4.341755E-02	1.246331E-02	-2.947114E-04	3.004845E-04	8.727279E-04
12367	1.913824E-03	1.750964E-02	8.119076E-03	0.0	0.0	0.0
123687	2.403788E-04	3.596905E-02	7.269593E-02	0.0	0.0	0.0
12400	-6.764751E-03	2.255856E-02	2.266735E-03	-2.947114E-04	3.004845E-04	8.727279E-04
125063	-8.623956E-03	1.152178E-02	4.543332E-04	0.0	0.0	0.0
125065	-2.256689E-03	1.165176E-02	7.394094E-03	0.0	0.0	0.0
125067	-1.467402E-02	1.599505E-02	9.546585E-03	0.0	0.0	0.0
125363	-1.467402E-02	1.599505E-02	2.290943E-04	0.0	0.0	0.0
125367	-1.801927E-03	1.954959E-02	7.143613E-03	0.0	0.0	0.0
126867	1.944730E-03	3.852154E-03	4.404385E-03	0.0	0.0	0.0
127200	-6.764751E-03	9.149148E-04	2.165277E-03	-2.947114E-04	3.004845E-04	8.727279E-04
189073	4.947860E-03	5.574957E-03	-9.275951E-03	-3.247511E-03	4.961E-05	-3.581550E-04
20007J	-3.916476E-03	5.574957E-03	1.173021E-03	-3.247511E-03	4.961E-05	-3.581550E-04
20007D	3.537729E-04	-5.376462E-04	-5.444184E-03	-3.247511E-03	4.961E-05	-3.581550E-04
20007H	5.156926E-04	1.721919E-03	-5.444184E-03	-3.247511E-03	4.961E-05	-3.581550E-04
20007K	5.473956E-04	2.456049E-03	-5.444184E-03	-3.247511E-03	4.961E-05	-3.581550E-04
200086	7.387563E-04	5.241178E-03	-5.444184E-03	-3.247511E-03	4.961E-05	-3.581550E-04
200097	7.420817E-04	4.793197E-03	-5.444184E-03	-3.247511E-03	4.961E-05	-3.581550E-04
200095	9.351213E-04	8.107062E-03	-5.444184E-03	-3.247511E-03	4.961E-05	-3.581550E-04
200096	4.888852E-04	7.601764E-03	-5.444184E-03	-3.247511E-03	4.961E-05	-3.581550E-04
200101	1.009489E-03	9.412065E-03	-5.444184E-03	-3.247511E-03	4.961E-05	-3.581550E-04

200106	1.041483E-03	1.010223E-02	-5.445933E-03	-7.460613E-03	1.450426E-06	-3.581550E-04
200114	1.009010E-03	1.013552E-02	-5.26227E-03	6.783609E-03	-9.413521E-06	-3.581550E-04
200121	9.055953E-04	9.448521E-03	-5.23607E-03	1.493274E-04	1.951649E-05	-3.581550E-04
200137	7.107248E-04	7.316470E-03	-5.543731E-03	2.940130E-03	-2.476311E-05	-3.581550E-04
200145	6.523706E-04	6.826786E-03	-5.543694E-03	3.731491E-04	-1.518997E-05	-3.581550E-04
200153	1.515837E-04	1.530715E-03	-5.543694E-03	4.204886E-04	-3.935715E-05	-3.581550E-04
200155	-1.603969E-04	-1.710594E-03	-5.543694E-03	4.356389E-04	-4.062647E-05	-3.581550E-04
211021	-2.501819E-04	-2.473414E-03	-5.543694E-03	4.356389E-04	-4.062647E-05	-3.581550E-04
211032	-8.333355E-02	1.455683E-00	-1.374769E-03	4.817550E-02	-1.179224E-02	-1.135921E-02
211073	-8.947663E-03	-2.225660E-03	1.394317E-03	4.915764E-02	1.197299E-02	-1.165823E-02
211077	-3.914676E-03	-2.225660E-03	-1.638027E-03	3.275510E-04	2.138461E-05	-3.581550E-04
214075	5.156926E-04	3.421331E-03	-5.751433E-03	3.275510E-04	2.138461E-05	-3.581550E-04
214901	8.532781E-02	9.781447E-01	-9.098019E-01	4.917264E-02	-1.179224E-02	-1.135921E-02
214902	-8.333355E-02	1.300030E-00	3.222219E-01	4.917264E-02	1.197299E-02	-1.165823E-02
215101	-1.945794E-02	9.132514E-02	-3.740699E-01	3.588928E-02	7.317816E-05	-4.312180E-03
215102	2.131774E-02	9.59007E-02	3.751715E-01	3.588928E-02	7.317816E-05	-4.312180E-03
215102	-3.971669E-01	-1.264833E-02	-4.431292E-03	8.467354E-03	3.488166E-03	-4.694643E-03
215201	8.333355E-03	-1.264833E-02	-1.776093E-03	8.467354E-03	3.488166E-03	-4.694643E-03
222001	8.558944E-02	1.560232E-01	-1.418594E-01	1.390560E-02	3.624500E-03	-1.045205E-03
222002	-8.284638E-02	1.567413E-01	1.400337E-01	1.413706E-02	9.037774E-03	-8.626634E-03
222201	5.653795E-03	-2.077465E-02	-2.994764E-02	4.017595E-03	9.300489E-03	-8.623041E-03
222202	-1.874779E-03	-2.070157E-02	6.540911E-02	4.017595E-03	5.191106E-03	-1.99619E-03
222301	3.522364E-03	3.173093E-02	5.246861E-03	2.543146E-04	-2.062968E-03	-1.554673E-04
222302	5.913684E-04	3.178301E-02	-9.322818E-03	2.543146E-04	-2.062968E-03	-1.554673E-04
223401	8.459444E-02	3.141272E-02	-9.486772E-03	1.390560E-02	2.247069E-03	-1.862638E-04
223402	-8.284638E-02	3.127594E-02	4.711475E-03	1.390560E-02	9.037774E-03	-8.425834E-03
520018	5.538136E-02	-1.342534E-01	-2.273749E-02	1.413706E-02	9.300489E-03	-8.623041E-03
520024	5.704960E-02	-1.342534E-01	-2.939235E-02	5.460278E-03	9.262008E-04	-2.690972E-03
520037	6.600744E-02	-1.342555E-01	-1.135723E-02	5.460278E-03	9.262008E-04	-2.690972E-03
520065	6.821936E-02	-1.342555E-01	-7.123102E-03	5.596302E-03	9.262008E-04	-2.690972E-03
520068	6.932908E-02	-1.342561E-01	-5.047891E-03	5.621441E-03	9.262008E-04	-2.690972E-03
520079	7.269245E-02	-1.342638E-01	1.061845E-03	5.691186E-03	9.262008E-04	-3.029540E-03
520135	9.302038E-02	-1.342939E-01	3.395087E-02	6.011143E-03	9.262008E-04	-3.194421E-04
520139	9.463811E-02	-1.342970E-01	3.631754E-02	6.020418E-03	9.262008E-04	-3.235466E-03
520152	9.944243E-02	-1.343068E-01	6.421580E-02	6.033402E-03	9.262008E-04	-3.235466E-03
520155	1.129730E-01	-1.343068E-01	6.411391E-02	6.033402E-03	9.262008E-04	-3.235466E-03

AM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 10 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 1-512034E 04

POINT ID	TYPE	T1	T2	T3	R1	R2	R3
3331	G	9.761806E-03	-1.130807E-01	-4.654299E-02	0.0	0.0	0.0
3339	G	1.697 22E-02	-1.131350E-01	-1.815511E-01	0.0	0.0	0.0
3341	G	1.424809E-02	-2.437318E-01	-1.054373E-02	0.0	0.0	0.0
3349	G	-7.008724E-03	-2.405096E-01	-2.173636E-01	0.0	0.0	0.0
4631	G	3.629077E-03	-1.205356E-01	5.826170E-02	0.0	0.0	0.0
4633	G	9.467032E-03	-5.199944E-02	-2.636976E-02	0.0	0.0	0.0
4637	G	2.966648E-02	-5.197192E-02	-2.144855E-01	0.0	0.0	0.0
4639	G	-2.511901E-03	-1.005787E-01	-2.463459E-01	0.0	0.0	0.0
4641	G	-2.794503E-03	-2.002518E-01	7.003647E-01	0.0	0.0	0.0
4649	G	1.022480E-02	-2.004269E-01	-2.582242E-01	0.0	0.0	0.0
4651	G	-2.412591E-03	-3.054508E-01	3.490534E-02	0.0	0.0	0.0
4659	G	-1.483535E-02	-3.069742E-01	-2.231658E-01	0.0	0.0	0.0
6123	G	1.140479E-02	2.890747E-02	4.538227E-02	0.0	0.0	0.0
6127	G	4.410037E-02	2.899982E-02	-1.840442E-01	0.0	0.0	0.0
6131	G	3.861651E-03	-3.133858E-02	9.317082E-02	0.0	0.0	0.0
6133	G	8.650500E-03	-3.133847E-02	4.488549E-02	0.0	0.0	0.0
6137	G	2.971788E-02	-3.148301E-02	-1.834862E-01	0.0	0.0	0.0
6139	G	3.470932E-02	-3.146965E-02	-2.325813E-01	0.0	0.0	0.0
6141	G	-4.347693E-03	-1.359007E-01	1.038186E-01	0.0	0.0	0.0
6143	G	5.492330E-03	-1.360222E-01	3.359666E-02	0.0	0.0	0.0
6147	G	9.577598E-03	-1.392298E-01	-1.821238E-01	0.0	0.0	0.0
6149	G	1.956308E-02	-1.392106E-01	-2.434723E-01	0.0	0.0	0.0
6161	G	-9.375412E-03	-2.144065E-01	1.121651E-01	0.0	0.0	0.0
6163	G	2.450627E-03	-2.144899E-01	4.238389E-02	0.0	0.0	0.0
6167	G	-2.561019E-03	-2.151746E-01	-1.319444E-01	0.0	0.0	0.0
6169	G	7.747169E-03	-2.171020E-01	-2.513747E-01	0.0	0.0	0.0
6171	G	-1.241784E-03	-3.634990E-01	3.646531E-02	0.0	0.0	0.0
6174	G	-2.948133E-02	-3.635817E-01	-2.303413E-01	0.0	0.0	0.0
7031	G	3.578802E-03	-2.071817E-02	0.0	0.0	0.0	0.0
7033	G	9.164203E-03	-2.072373E-02	4.369633E-02	0.0	0.0	0.0
7037	G	2.907404E-02	-2.072373E-02	-1.560212E-01	0.0	0.0	0.0
7039	G	3.462010E-02	-2.063904E-02	0.0	0.0	0.0	0.0
7043	G	5.200855E-03	0.0	4.534798E-02	0.0	0.0	0.0
7047	G	8.909680E-03	0.0	-1.577707E-01	0.0	0.0	0.0
7061	G	-1.366633E-02	-1.922682E-01	1.495932E-01	0.0	0.0	0.0
7063	G	1.622470E-03	-1.922683E-01	4.617476E-02	0.0	0.0	0.0
7067	G	-4.001345E-03	-2.021535E-01	-1.583353E-01	0.0	0.0	0.0
7069	G	1.227392E-02	-2.019203E-01	-2.575603E-01	0.0	0.0	0.0
7071	G	-1.759869E-03	0.0	1.635134E-01	0.0	0.0	0.0
7079	G	-2.355901E-02	0.0	-2.892465E-01	0.0	0.0	0.0
7505	G	4.089537E-02	1.337532E-01	-4.932472E-02	9.985675E-03	-1.451749E-03	9.934916E-04
8300	G	-1.801531E-02	-2.453574E-01	0.0	0.0	0.0	0.0
8301	G	2.578003E-03	-6.263763E-03	0.0	0.0	0.0	0.0
8333	G	9.164203E-03	-6.318509E-03	6.470311E-02	0.0	0.0	0.0
8537	G	2.907404E-02	-6.318960E-03	-1.450144E-01	0.0	0.0	0.0
8539	G	3.390280E-02	-6.342817E-03	0.0	0.0	0.0	0.0
8543	G	4.851283E-03	0.0	6.304836E-02	0.0	0.0	0.0
8547	G	8.373570E-03	0.0	-1.330798E-01	0.0	0.0	0.0
8561	G	-2.031017E-02	-1.512480E-01	1.462104E-01	0.0	0.0	0.0
8563	G	3.117924E-03	-1.516159E-01	6.251872E-02	0.0	0.0	0.0
8567	G	-6.861679E-03	-1.541066E-01	-1.324264E-01	0.0	0.0	0.0
8569	G	2.039792E-02	-1.541066E-01	-2.151485E-01	0.0	0.0	0.0
8571	G	3.173599E-03	0.0	1.566862E-01	0.0	0.0	0.0
8579	G	-2.541940E-02	0.0	-2.228501E-01	0.0	0.0	0.0
9303	G	4.515182E-02	1.899135E-01	5.621272E-02	0.0	0.0	0.0
9307	G	-2.199104E-02	1.903796E-01	-1.006019E-01	0.0	0.0	0.0

9313	G	2.503019E-02	1.517183E-01	5.648553E-02	0.0	0.0	0.0
9317	G	-1.256416E-02	1.255451E-01	-1.008061E-01	0.0	0.0	0.0
9331	G	2.128019E-03	4.674674E-04	1.166487E-01	0.0	0.0	0.0
9333	G	7.561147E-03	1.962695E-04	6.213814E-02	0.0	0.0	0.0
9337	G	2.964942E-02	-1.674577E-03	-1.063956E-01	0.0	0.0	0.0
9339	G	3.464027E-02	-1.895475E-03	-1.674598E-01	0.0	0.0	0.0
9341	G	0.0	-5.52278E-02	1.137476E-01	0.0	0.0	0.0
9343	G	4.634058E-03	-5.368199E-02	6.280345E-02	0.0	0.0	0.0
9347	G	8.250146E-03	-5.2701178E-02	-9.998274E-02	0.0	0.0	0.0
9349	G	0.0	-5.254244E-02	-1.533793E-01	0.0	0.0	0.0
9361	G	-2.210510E-02	-1.046027E-01	1.245879E-01	0.0	0.0	0.0
9363	G	7.283099E-03	-1.046444E-01	6.125448E-02	0.0	0.0	0.0
9367	G	-1.063101E-02	-1.057928E-01	-9.476101E-02	0.0	0.0	0.0
9369	G	2.375424E-02	-1.056597E-01	-1.629910E-01	0.0	0.0	0.0
9371	G	-5.164914E-03	-1.480533E-01	1.186222E-01	0.0	0.0	0.0
9373	G	0.0	-1.485857E-01	6.062619E-02	0.0	0.0	0.0
9377	G	0.0	-1.500253E-01	-9.414035E-02	0.0	0.0	0.0
9379	G	-8.393273E-03	-1.498369E-01	-1.525634E-01	0.0	0.0	0.0
11300	G	2.911086E-02	5.253611E-02	0.0	0.0	0.0	0.0
11503	G	3.153880E-02	8.561742E-02	0.0	0.0	0.0	0.0
11507	G	-1.938955E-02	8.561742E-02	0.0	0.0	0.0	0.0
11531	G	5.491494E-03	9.041838E-03	0.0	0.0	0.0	0.0
11533	G	2.849004E-03	9.082340E-03	3.443917E-02	0.0	0.0	0.0
11537	G	2.246444E-02	8.183792E-03	3.035963E-02	0.0	0.0	0.0
11539	G	2.387693E-02	7.898644E-03	0.0	0.0	0.0	0.0
11543	G	4.845548E-03	-2.153956E-02	4.450927E-02	0.0	0.0	0.0
11547	G	7.741537E-03	-2.153956E-02	3.047143E-02	0.0	0.0	0.0
11561	G	-1.431016E-02	-4.785052E-02	6.904644E-02	0.0	0.0	0.0
11563	G	1.068704E-02	-4.789973E-02	4.452581E-02	0.0	0.0	0.0
11567	G	-1.194631E-02	-4.153553E-02	3.053435E-02	0.0	0.0	0.0
11569	G	1.666162E-02	-4.154940E-02	-5.278556E-02	0.0	0.0	0.0
11571	G	1.931463E-02	0.0	7.201248E-02	0.0	0.0	0.0
11579	G	-3.264934E-02	0.0	-5.627119E-02	0.0	0.0	0.0
11700	G	-2.774787E-02	5.628730E-02	-2.030464E-02	0.0	0.0	0.0
11700	G	3.385574E-04	4.75917E-02	2.522049E-02	0.0	0.0	0.0
13001	G	4.141400E-02	1.260445E-02	2.434990E-02	0.0	0.0	0.0
13003	G	2.908579E-02	1.258921E-02	2.423073E-02	0.0	0.0	0.0
13007	G	-1.726290E-02	1.232703E-02	3.045127E-02	0.0	0.0	0.0
13009	G	-2.916395E-02	1.245642E-02	2.955704E-02	0.0	0.0	0.0
13021	G	4.854924E-02	1.192497E-02	2.463005E-02	0.0	0.0	0.0
13023	G	2.377492E-02	1.202170E-02	2.359565E-02	0.0	0.0	0.0
13027	G	-1.042258E-02	1.185874E-02	3.126531E-02	0.0	0.0	0.0
13029	G	-3.746729E-02	1.157568E-02	7.877289E-02	0.0	0.0	0.0
13031	G	9.793084E-03	1.047628E-02	2.517334E-02	0.0	0.0	0.0
13033	G	1.140831E-02	1.068189E-02	2.376796E-02	0.0	0.0	0.0
13037	G	8.493974E-03	1.029985E-02	2.971694E-02	0.0	0.0	0.0
13039	G	1.517296E-02	9.443849E-03	2.446454E-02	0.0	0.0	0.0
13041	G	0.0	9.939115E-03	2.632814E-02	0.0	0.0	0.0
13043	G	8.215014E-03	9.854298E-03	2.433229E-02	0.0	0.0	0.0
13047	G	3.949072E-03	9.681314E-03	2.841403E-02	0.0	0.0	0.0
13049	G	3.776335E-03	5.802244E-03	2.487944E-02	0.0	0.0	0.0
13049	G	0.0	5.091675E-03	1.596612E-02	0.0	0.0	0.0
13061	G	-2.881266E-03	8.531787E-03	2.689799E-02	0.0	0.0	0.0
13063	G	1.302990E-02	8.562163E-03	2.461979E-02	0.0	0.0	0.0
13067	G	-9.528339E-03	8.042032E-03	1.827379E-02	0.0	0.0	0.0
13069	G	7.405993E-03	-1.126228E-04	1.613243E-02	0.0	0.0	0.0
13071	G	1.124814E-02	0.0	2.486696E-02	0.0	0.0	0.0
13079	G	-1.994463E-02	0.0	1.124578E-02	0.0	0.0	0.0
14001	G	4.141400E-02	-9.600714E-03	2.40324E-02	0.0	0.0	0.0
14003	G	2.825351E-02	-1.001361E-02	2.491341E-02	0.0	0.0	0.0
14007	G	-1.672404E-02	-9.708077E-03	3.059575E-02	0.0	0.0	0.0
14009	G	-2.916395E-02	-9.240594E-03	3.525480E-02	0.0	0.0	0.0
14021	G	4.831931E-02	-4.641656E-03	1.850825E-02	0.0	0.0	0.0
14023	G	2.454541E-02	-4.961062E-03	2.491341E-02	0.0	0.0	0.0
14027	G	-1.173448E-02	-4.373305E-03	3.059575E-02	0.0	0.0	0.0
14029	G	-3.712154E-02	-3.930832E-03	3.777168E-02	0.0	0.0	0.0





18661	G	-4.729521E-03	7.543594E-03	1.672198E-02	1.778378E-03	-2.095136E-03	1.335000E-03
18662	G	-2.515673E-04	7.589984E-03	1.671506E-02	1.453101E-03	-1.355898E-04	9.342524E-04
18663	G	-2.903318E-03	7.661138E-03	1.671922E-03	2.190539E-03	0.0	9.861770E-04
18664	G	1.621664E-03	7.767069E-03	1.660941E-02	0.0	0.0	-0.575767E-04
18665	G	-3.489404E-03	7.910056E-03	2.792582E-02	0.0	0.0	-3.590675E-04
18666	G	-5.908106E-03	7.905103E-02	3.725672E-02	0.0	0.0	2.324208E-04
18667	G	2.281046E-03	7.746345E-02	4.748030E-02	2.219001E-03	-1.994794E-03	2.734248E-03
18668	G	1.158830E-02	7.691443E-02	4.264452E-02	1.391048E-03	1.992673E-04	2.778915E-03
18669	G	1.736925E-02	7.657528E-02	4.822770E-02	1.451594E-03	2.399390E-03	3.947102E-03
18670	G	9.701778E-03	5.048649E-02	1.771415E-02	0.0	0.0	0.0
18681	G	2.411256E-02	5.039113E-02	8.339633E-03	2.190539E-03	1.748144E-03	-1.841042E-03
18685	G	8.499038E-04	5.228360E-02	2.807564E-02	0.0	0.0	0.0
18687	G	-2.145329E-03	5.090200E-02	4.735096E-02	2.219001E-03	-1.875779E-03	-1.841042E-03
18689	G	-6.241225E-03	5.126132E-02	3.865215E-02	0.0	0.0	0.0
18693	G	2.637798E-02	3.269748E-02	6.836418E-03	0.0	-3.327345E-04	-7.274799E-03
18698	G	-2.356042E-02	3.317214E-02	4.706510E-02	0.0	1.607905E-03	-7.292651E-03
18741	G	1.943262E-02	8.252771E-02	4.591294E-02	2.945464E-03	-2.944264E-03	-2.694087E-03
18742	G	4.947710E-03	8.605713E-02	3.558605E-02	7.009206E-04	1.557232E-04	-1.915446E-03
18743	G	-1.991895E-04	8.698914E-02	3.312764E-02	0.0	5.022378E-04	-1.022161E-03
18745	G	-5.63775E-04	8.849066E-02	2.023244E-02	0.0	0.0	4.818258E-04
18747	G	3.017664E-04	8.731097E-02	1.028412E-02	0.0	1.145989E-03	-7.153098E-04
18748	G	-2.087020E-03	8.653088E-02	8.922424E-04	8.922424E-04	1.442665E-03	-1.522828E-03
18749	G	-1.445210E-02	8.371323E-02	3.514932E-03	2.816734E-03	4.037116E-03	-2.227918E-03
18751	G	1.833390E-03	-1.155046E-01	4.575597E-02	4.047563E-03	-2.116869E-03	5.739224E-04
18752	G	3.552757E-03	-1.106538E-01	7.930222E-02	4.778120E-04	-1.410933E-04	5.081460E-05
18758	G	8.890666E-03	-1.100060E-01	1.364777E-03	6.865175E-03	1.699040E-03	8.515849E-05
18759	G	1.077299E-02	-1.141515E-01	3.360755E-03	3.817738E-03	3.328840E-03	5.892615E-04
18761	G	-2.999249E-02	-1.158163E-01	4.563349E-02	8.391546E-04	-1.873528E-03	7.985402E-04
18762	G	3.034013E-03	-1.141152E-01	3.513166E-02	1.465351E-03	-2.249177E-04	7.109982E-04
18763	G	4.544638E-03	-1.133409E-01	2.223396E-02	0.0	3.229370E-04	6.289689E-04
18767	G	8.338720E-03	-1.121325E-01	2.223396E-02	0.0	0.0	3.965157E-04
18768	G	1.189247E-02	-1.130752E-01	1.669404E-02	0.0	1.312073E-03	5.862579E-04
18769	G	1.325236E-02	-1.137242E-01	7.964920E-03	1.544119E-03	1.781810E-03	6.923240E-04
21183	G	1.868206E-02	-1.151625E-01	3.240331E-03	1.077429E-03	3.127961E-03	7.168374E-04
21187	G	3.261268E-02	-3.163526E-01	2.213471E-02	0.0	1.637338E-03	-2.168932E-02
21221	G	-2.912024E-02	-3.165897E-01	1.996031E-02	0.0	-1.348287E-03	-2.171656E-02
21321	G	1.443516E-07	-2.668641E-01	1.509048E-02	0.0	0.0	0.0
21323	G	9.573586E-03	-2.668738E-01	1.143973E-02	0.0	0.0	0.0
21325	G	1.843711E-03	-2.670187E-01	4.099321E-03	0.0	0.0	0.0
21327	G	-7.36409E-03	-2.669552E-01	3.531815E-03	0.0	0.0	0.0
21329	G	-1.154245E-02	-2.670372E-01	7.317442E-03	0.0	0.0	0.0
21341	G	-3.114510E-04	-3.869731E-01	2.053512E-02	2.319146E-03	3.328870E-03	-3.790943E-03
21343	G	-1.632686E-02	-3.836864E-01	1.749317E-02	0.0	3.161440E-03	-2.051799E-03
21345	G	8.197440E-03	-3.788124E-01	4.326284E-03	0.0	6.173174E-04	3.991518E-03
21347	G	2.792480E-02	-3.834757E-01	9.534460E-03	0.0	-1.944805E-03	-2.851369E-03
21349	G	7.188909E-03	-3.865966E-01	1.287953E-02	2.164866E-03	-2.089235E-03	-4.679877E-03
21361	G	-7.825311E-03	-3.664995E-01	1.932565E-02	0.0	0.0	0.0
21363	G	-5.220143E-04	-3.664554E-01	1.789355E-02	-1.457605E-04	2.677227E-03	0.0
21364	G	-1.937910E-03	-3.663235E-01	1.158339E-02	0.0	0.0	0.0
21366	G	2.098813E-02	-3.670714E-01	3.183089E-03	0.0	0.0	0.0
21367	G	1.540519E-02	-3.673699E-01	9.330358E-03	-2.516557E-04	-3.643919E-03	0.0
21369	G	2.520544E-02	-3.673748E-01	1.220924E-02	0.0	0.0	0.0
21383	G	3.257950E-02	-3.649130E-01	1.744863E-02	-7.638046E-05	2.545667E-03	-2.198105E-02
21387	G	-2.903837E-02	-3.652038E-01	8.792497E-03	-1.365042E-05	-3.319210E-03	-2.200167E-02
21485	G	0.0	-3.833770E-01	5.369533E-03	1.784077E-03	0.0	0.0
21801	G	9.510081E-03	-2.631411E-01	9.721573E-03	0.0	0.0	0.0
21803	G	2.841207E-03	-2.599996E-01	9.781241E-04	0.0	0.0	0.0
21807	G	-7.026482E-03	-2.600759E-01	4.585676E-03	0.0	0.0	0.0
21809	G	-1.210270E-02	-2.631890E-01	-4.429031E-03	0.0	0.0	0.0
21821	G	1.129707E-02	-2.740194E-01	1.264872E-02	0.0	0.0	0.0
21823	G	6.888967E-03	-2.734759E-01	4.938740E-03	0.0	0.0	0.0
21825	G	1.589005E-03	-2.727205E-01	2.787125E-03	0.0	0.0	0.0
21827	G	-4.302404E-03	-2.735536E-01	5.314271E-04	0.0	0.0	0.0
21829	G	-8.852132E-03	-2.741899E-01	7.490523E-03	0.0	0.0	0.0
22312	G	7.659063E-03	-2.729154E-01	6.965932E-03	0.0	0.0	0.0
22318	G	-8.904051E-03	-2.731165E-01	-4.617448E-03	0.0	0.0	0.0



22701	G	3.854391E-03	-7.470474E-01	1.561194E-03	0.0	0.0	0.0	0.0	0.0
22702	G	-1.910541E-03	-2.812015E-01	7.006711E-03	0.0	0.0	0.0	0.0	0.0
22703	G	-3.112586E-03	-2.693926E-01	-8.200072E-03	0.0	0.0	0.0	0.0	0.0
22709	G	-6.500259E-03	-2.625960E-01	-4.106070E-03	0.0	0.0	0.0	0.0	0.0
22721	G	6.886009E-03	-2.836972E-01	1.077777E-02	0.0	0.0	0.0	0.0	0.0
22723	G	5.555909E-03	-2.846721E-01	7.571671E-03	0.0	0.0	0.0	0.0	0.0
22725	G	1.339114E-03	-2.856337E-01	-6.011711E-04	0.0	0.0	0.0	0.0	0.0
22727	G	-3.072334E-03	-2.864318E-01	-6.124900E-03	0.0	0.0	0.0	0.0	0.0
22729	G	-4.809171E-03	-2.824289E-01	-4.670846E-03	0.0	0.0	0.0	0.0	0.0
23100	G	8.511004E-03	-2.356841E-01	7.610165E-03	0.0	0.0	0.0	0.0	0.0
25001	G	-1.769900E-02	-3.046654E-01	-7.339413E-02	0.0	0.0	0.0	0.0	0.0
25003	G	-1.086681E-02	-3.111254E-01	-6.574670E-02	0.0	0.0	0.0	0.0	0.0
25007	G	7.098059E-03	-3.197197E-01	-1.257543E-02	0.0	0.0	0.0	0.0	0.0
25009	G	1.578334E-02	-3.098277E-01	3.804453E-02	0.0	0.0	0.0	0.0	0.0
25021	G	-2.047535E-02	-2.823930E-01	9.335131E-02	0.0	0.0	0.0	0.0	0.0
25025	G	7.440976E-04	-2.825101E-01	-5.356765E-02	0.0	0.0	0.0	0.0	0.0
25029	G	2.188646E-02	-2.856424E-01	6.667792E-02	0.0	0.0	0.0	0.0	0.0
25041	G	-2.710541E-02	-1.786644E-01	-9.077503E-02	0.0	0.0	0.0	0.0	0.0
25045	G	3.011687E-02	-2.100685E-01	-1.354162E-01	0.0	0.0	0.0	0.0	0.0
25049	G	-2.458052E-02	-1.353106E-01	7.462697E-02	0.0	0.0	0.0	0.0	0.0
25061	G	-2.561270E-03	-1.353762E-01	-9.261656E-02	0.0	0.0	0.0	0.0	0.0
25065	G	4.545248E-02	-1.312731E-01	-1.788922E-01	0.0	0.0	0.0	0.0	0.0
26801	G	-1.611718E-02	-2.332252E-01	9.166617E-02	0.0	0.0	0.0	0.0	0.0
26809	G	7.481869E-03	-2.328439E-01	5.327005E-02	0.0	0.0	0.0	0.0	0.0
26821	G	-3.169566E-02	-2.421399E-01	1.263994E-02	0.0	0.0	0.0	0.0	0.0
26825	G	4.471655E-04	-2.428264E-01	-9.837673E-02	0.0	0.0	0.0	0.0	0.0
26829	G	3.060800E-02	-2.418471E-01	1.147725E-02	0.0	0.0	0.0	0.0	0.0
26841	G	-3.005411E-02	-1.632085E-01	6.330246E-02	0.0	0.0	0.0	0.0	0.0
26845	G	3.011196E-01	-1.631196E-01	-9.096425E-02	0.0	0.0	0.0	0.0	0.0
26849	G	3.634922E-02	-1.622872E-01	-1.039968E-02	0.0	0.0	0.0	0.0	0.0
26861	G	-2.465933E-02	-9.791648E-02	6.747419E-02	0.0	0.0	0.0	0.0	0.0
26865	G	5.748153E-03	-9.762931E-02	-9.412307E-02	0.0	0.0	0.0	0.0	0.0
26869	G	4.292618E-02	-9.738946E-02	-8.916041E-03	0.0	0.0	0.0	0.0	0.0
29905	G	-2.177125E-05	-1.528836E-01	7.321656E-02	0.0	0.0	0.0	0.0	0.0
29921	G	4.274181E-02	-1.328738E-01	3.177941E-02	0.0	0.0	0.0	0.0	0.0
29925	G	7.316436E-04	-1.334291E-01	-8.630145E-02	0.0	0.0	0.0	0.0	0.0
29929	G	4.671446E-03	-1.323739E-01	-8.171034E-02	0.0	0.0	0.0	0.0	0.0
29941	G	-3.468322E-02	-7.450958E-02	2.313316E-02	0.0	0.0	0.0	0.0	0.0
29945	G	0.0	-7.453704E-02	-9.635576E-02	0.0	0.0	0.0	0.0	0.0
29949	G	4.465840E-02	-7.446414E-02	-3.163365E-02	0.0	0.0	0.0	0.0	0.0
29961	G	-3.339898E-02	-1.573356E-02	3.387678E-02	0.0	0.0	0.0	0.0	0.0
29965	G	9.614162E-03	-1.586424E-02	-8.733189E-02	0.0	0.0	0.0	0.0	0.0
29969	G	5.883453E-02	-1.598350E-02	3.110312E-02	0.0	0.0	0.0	0.0	0.0
31745	G	7.434163E-03	-7.332633E-02	2.549871E-02	0.0	0.0	0.0	0.0	0.0
31749	G	8.093286E-03	-1.327936E-02	-3.126557E-02	0.0	0.0	0.0	0.0	0.0
31745	G	8.498004E-03	-1.324955E-01	-5.973664E-02	0.0	0.0	0.0	0.0	0.0
33845	G	1.001270E-02	2.749777E-01	-6.567129E-02	0.0	0.0	0.0	0.0	0.0
33845	G	-1.111979E-02	4.535512E-01	-8.053127E-02	0.0	0.0	0.0	0.0	0.0
40141	G	-2.764692E-01	5.975206E-01	7.680466E-02	0.0	0.0	0.0	0.0	0.0
40142	G	-1.711115E-01	5.975206E-01	-7.314971E-02	0.0	0.0	0.0	0.0	0.0
40143	G	-8.815773E-02	5.975206E-01	9.534730E-02	0.0	0.0	0.0	0.0	0.0
40145	G	1.223322E-02	5.975449E-01	-9.538287E-02	0.0	0.0	0.0	0.0	0.0
40147	G	9.276659E-02	5.975205E-01	1.250369E-03	0.0	0.0	0.0	0.0	0.0
40148	G	1.976169E-01	5.975205E-01	1.730296E-03	0.0	0.0	0.0	0.0	0.0
40149	G	3.058360E-01	5.975205E-01	1.308761E-03	0.0	0.0	0.0	0.0	0.0
42243	G	1.322878E-02	7.501136E-01	2.779464E-03	0.0	0.0	0.0	0.0	0.0
44345	G	1.406817E-02	9.494841E-01	1.197466E-03	0.0	0.0	0.0	0.0	0.0
44345	G	1.436812E-02	9.453249E-01	1.194061E-03	0.0	0.0	0.0	0.0	0.0
46245	G	1.469103E-02	1.500000E-00	1.229778E-03	0.0	0.0	0.0	0.0	0.0
46445	G	1.469103E-02	1.500000E-00	1.265628E-03	0.0	0.0	0.0	0.0	0.0
48045	G	1.852858E-02	7.806653E-01	1.206616E-02	0.0	0.0	0.0	0.0	0.0
48045	G	2.022793E-02	5.795655E-01	1.312009E-01	0.0	0.0	0.0	0.0	0.0
49745	G	2.153866E-02	3.206565E-01	1.328352E-01	0.0	0.0	0.0	0.0	0.0
50645	G	2.246662E-02	1.532834E-02	1.335343E-01	0.0	0.0	0.0	0.0	0.0
51345	G	2.313318E-02	-3.284518E-01	-1.334800E-01	0.0	0.0	0.0	0.0	0.0
52045	G	2.362317E-02	-6.476357E-01	-1.339012E-01	0.0	0.0	0.0	0.0	0.0

61912	7-330943E-02	1-901211E-02	2-554275E-03	-3-682015E-03	1-479066E-03
61913	7-566820E-02	1-901211E-02	2-554275E-03	-3-682015E-03	-2-136685E-02
61914	7-971543E-02	1-901211E-02	2-554275E-03	-3-682015E-03	-2-301826E-05
61915	9-531064E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61916	1-004377E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61917	1-022276E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61918	1-228175E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61919	1-201278E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61920	1-164905E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61921	2-711357E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61922	2-113042E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61923	2-188881E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61924	2-807139E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61925	4-341809E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61926	8-254468E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61927	3-916744E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61928	5-557176E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61929	9-572178E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61930	1-026694E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61931	6-681657E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61932	7-709950E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61933	9-917945E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61934	1-077471E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61935	9-594250E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61936	1-053479E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61937	1-727102E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61938	2-269442E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61939	1-654725E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61940	2-370965E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61941	2-273564E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61942	2-392362E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61943	2-912715E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61944	3-560368E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61945	3-072361E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61946	3-718969E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61947	3-588322E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61948	3-749914E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61949	4-659923E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61950	5-462934E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61951	4-882896E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61952	5-693259E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61953	5-511354E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61954	5-730290E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61955	6-426662E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61956	7-354206E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61957	6-731383E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61958	7-675420E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61959	7-444947E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61960	8-238593E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61961	9-262189E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61962	8-672860E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61963	9-715979E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61964	9-424798E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61965	9-751268E-01	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61966	1-621042E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61967	1-122130E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61968	1-696721E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61969	2-133143E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61970	2-651531E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61971	1-499476E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61972	1-176092E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61973	8-784124E-03	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61974	1-462235E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02
61975	1-619621E-02	1-633774E-02	1-505374E-03	-3-374494E-03	-2-118400E-02

71926	-2.355730E-02	-7.318294E-02	-1.016734E-02	6.4411038E-03	5.255666E-03	-2.549164E-02
71934	-2.168961E-03	-4.009992E-01	-2.747438E-02	1.282296E-02	-2.105246E-03	-2.613229E-02
71935	-8.216042E-04	-1.779751E-01	-2.747438E-02	1.282296E-02	-2.105246E-03	-5.169998E-03
71936	-6.522669E-04	-3.631644E-01	-2.747438E-02	1.282296E-02	-2.105246E-03	-3.473013E-02
72211	-3.401646E-02	5.089504E-02	2.503492E-02	3.938951E-03	5.243444E-03	0.0
72213	-4.428605E-02	6.250048E-02	2.506613E-02	5.217340E-03	5.243444E-03	-2.008656E-02
72217	-8.640474E-02	4.866233E-02	2.653684E-02	0.0	5.217340E-03	-2.128665E-02
72219	-9.539783E-02	1.062670E-01	2.683455E-02	0.0	0.0	0.0
72221	-4.798115E-02	-1.330895E-01	3.464561E-02	1.553740E-02	-1.172514E-03	-2.063710E-02
72224	-6.214445E-02	-1.305062E-01	-3.441396E-02	7.676568E-03	1.142392E-02	-2.360317E-02
72229	-9.202975E-02	-9.499246E-02	-3.428755E-02	9.781349E-03	1.062919E-03	-2.506903E-02
72229	-1.035709E-01	-8.206746E-02	-4.15667E-02	9.781349E-03	1.062919E-03	-2.506903E-02
72231	-8.831298E-02	-4.301451E-01	-1.033046E-01	2.982859E-02	-1.37629E-02	-2.439525E-02
72234	-1.012219E-01	-3.884960E-01	-1.026276E-01	2.982859E-02	-1.37629E-02	-2.439525E-02
72811	-1.488423E-01	2.465268E-02	-1.624164E-02	3.938951E-02	1.477124E-03	-3.451375E-02
72819	-2.149820E-01	7.334083E-02	-1.898338E-02	0.0	0.0	0.0
72819	-1.645688E-01	1.774272E-01	-9.277570E-02	0.0	0.0	0.0
72821	-2.301139E-01	-1.047562E-01	-9.281969E-02	0.0	0.0	0.0
731	-2.172547E-01	-4.415176E-01	-2.016853E-01	0.0	0.0	0.0
7311	-2.323900E-01	-3.044063E-01	-2.016853E-01	0.0	0.0	0.0
73411	-2.658858E-01	-3.194725E-01	-6.130339E-02	0.0	0.0	0.0
73419	-3.429172E-01	-4.909815E-02	-6.130339E-02	0.0	0.0	0.0
73421	-2.849886E-01	-2.029161E-01	-1.529022E-01	0.0	0.0	0.0
73429	-3.618284E-01	-1.310835E-01	-1.531567E-01	0.0	0.0	0.0
73431	-3.457547E-01	-4.537705E-01	-2.853682E-01	0.0	0.0	0.0
73433	-3.651402E-01	-4.252311E-01	-2.853682E-01	0.0	0.0	0.0
74211	-4.733598E-01	-4.266970E-02	-1.325148E-01	0.0	0.0	0.0
74219	-5.264942E-01	8.986928E-03	-1.328161E-01	0.0	0.0	0.0
74221	-4.626026E-01	-2.403315E-01	-2.500336E-01	0.0	0.0	0.0
74224	-5.546854E-01	-1.703795E-01	-2.503864E-01	1.239517E-02	1.239517E-02	-1.582092E-02
74231	-5.587594E-01	-4.723496E-01	-4.088103E-01	0.0	0.0	0.0
74239	-6.104511E-01	-4.452401E-01	-4.099377E-01	0.0	0.0	0.0
75011	-7.128516E-01	-3.554866E-02	-2.111845E-01	0.0	0.0	0.0
75019	-6.939753E-01	-2.764695E-01	-2.593987E-01	0.0	0.0	0.0
75021	-7.481197E-01	-2.112209E-01	-3.593745E-01	0.0	0.0	0.0
75031	-7.226217E-01	-4.914381E-01	-5.423591E-01	0.0	0.0	0.0
75039	-7.530543E-01	-4.631115E-01	-5.404221E-01	0.0	0.0	0.0
75911	-7.876229E-01	-1.226704E-01	-2.934126E-01	0.0	0.0	0.0
75919	-8.983560E-01	-4.597919E-02	-2.922917E-01	0.0	0.0	0.0
75921	-8.342391E-01	-3.157386E-01	-4.846356E-01	0.0	0.0	0.0
75929	-9.471240E-01	-2.575565E-01	-6.752923E-01	1.057668E-02	2.233839E-02	-1.986071E-02
75931	-9.157460E-01	-5.772536E-01	-6.793287E-01	0.0	0.0	0.0
75939	-9.513074E-01	-4.794073E-01	-6.794690E-01	0.0	0.0	0.0
122400	-5.825727E-02	1.162245E-00	-6.564985E-01	-1.118515E-02	-2.468551E-02	-9.363033E-03
123467	3.578800E-02	1.773311E-01	-7.810611E-03	0.0	0.0	0.0
123487	-4.219879E-02	1.021368E-00	-3.042617E-01	0.0	0.0	0.0
124800	-5.825727E-02	9.384698E-01	-6.631539E-02	0.0	0.0	0.0
125063	-2.021827E-02	-1.555106E-01	-1.296174E-01	-1.115515E-02	-2.566551E-02	-2.563033E-03
125065	3.285290E-03	-1.303762E-01	-1.465440E-01	0.0	0.0	0.0
125067	3.601564E-02	-1.312723E-01	9.186837E-02	0.0	0.0	0.0
125383	1.888800E-01	8.263906E-01	-6.625313E-02	0.0	0.0	0.0
125387	-3.079389E-02	8.263906E-01	1.961730E-01	0.0	0.0	0.0
126863	-1.465344E-02	-9.791648E-02	-6.641466E-02	0.0	0.0	0.0
126867	3.085778E-02	-9.791648E-02	-6.641466E-02	0.0	0.0	0.0
127200	-5.825727E-02	7.062674E-01	5.46852E-01	-1.118515E-02	-2.468551E-02	-9.363033E-03
189073	1.035398E-01	-7.062674E-01	5.46852E-01	5.777761E-03	4.499790E-04	-8.139670E-03
189077	-9.791702E-02	-9.722308E-02	-5.79396E-02	5.777761E-03	4.499790E-04	-8.139670E-03
200073	-5.949487E-04	-1.346735E-01	2.117936E-02	5.777761E-03	4.499790E-04	-8.139670E-03
200078	2.811396E-03	-1.166082E-01	2.117936E-02	5.777761E-03	4.499790E-04	-8.139670E-03
200079	3.476609E-03	-2.471672E-01	2.119630E-02	5.777761E-03	4.499790E-04	-8.139670E-03
200086	7.302161E-03	-2.397639E-01	2.123825E-02	6.880131E-03	5.094600E-04	-8.139670E-03
200087	6.693296E-03	-2.289441E-01	2.123825E-02	5.814510E-03	4.499790E-04	-8.139670E-03
200095	1.126998E-02	-2.914315E-01	2.121222E-02	4.728999E-03	3.812942E-04	-8.139670E-03
200096	1.057506E-02	-2.798046E-01	2.128922E-02	5.406252E-03	4.426267E-04	-8.139670E-03
200101	1.308534E-02	-3.127233E-01	2.132224E-02	2.690338E-03	2.544136E-04	-8.139670E-03

200106	1.40438 W-02	-3.211417E-01	2.138432E-02	4.372848E-04	1.190572E-04	-8.139670E-03
200114	1.41737E-02	-3.107427E-01	2.167753E-02	-3.004674E-03	-8.284298E-05	-8.139670E-03
200121	1.30603E-02	-2.796395E-01	2.155909E-02	-8.57207E-03	-2.455055E-04	-8.139670E-03
200129	1.044149E-02	-2.211238E-01	2.165230E-02	-8.641362E-03	-4.019106E-04	-8.139670E-03
200137	6.747436E-03	-1.436630E-01	2.165230E-02	-1.064353E-02	-5.142593E-04	-8.139670E-03
200145	2.33209E-03	-5.296044E-02	2.165230E-02	-1.184578E-02	-5.816557E-04	-8.139670E-03
200153	-6.42040E-03	4.095346E-02	2.165230E-02	-1.223055E-02	-6.032248E-04	-8.139670E-03
200161	-3.62512E-03	6.748245E-02	2.165230E-02	-1.223055E-02	-6.032248E-04	-8.139670E-03
200169	-2.531015E-01	3.916917E-01	7.897425E-02	-6.330851E-03	9.118807E-06	-8.624993E-03
200177	1.035339E-01	1.728869E-01	1.495937E-01	-6.228760E-03	4.424855E-03	-8.624993E-03
200185	-9.791702E-02	-2.740052E-01	8.740509E-02	5.777761E-03	4.424855E-03	-8.139670E-03
200193	-2.811396E-03	-2.966335E-01	5.559420E-02	5.777761E-03	4.424855E-03	-8.139670E-03
200201	-2.531015E-01	1.306682E-01	1.465436E-02	5.777761E-03	4.424855E-03	-8.139670E-03
200209	3.515412E-03	6.213988E-02	-7.913384E-02	6.330851E-03	9.118807E-06	-8.624993E-03
200217	-1.274050E-01	-3.342528E-03	-4.878324E-03	-2.28760E-03	4.424855E-03	-8.624993E-03
200225	4.942685E-02	-2.337201E-02	1.238867E-02	4.789617E-03	4.424855E-03	-8.624993E-03
200233	-6.08893E-02	-2.038735E-02	3.048014E-02	-1.249370E-03	5.253363E-03	-2.699846E-03
200241	3.773873E-02	-2.039522E-02	2.457484E-02	-9.309087E-04	5.252331E-03	-3.821854E-03
200249	-2.523844E-01	-2.785808E-01	1.472741E-02	-1.154260E-03	2.247473E-03	-1.863331E-03
200257	3.277812E-03	-5.337283E-01	-2.272161E-01	-1.315830E-02	2.339124E-03	-6.100211E-03
200265	-9.787297E-02	-2.678888E-01	-1.031414E-02	-3.360075E-04	6.206259E-03	-5.231646E-03
200273	8.792456E-03	-3.059615E-01	-9.52520E-02	-9.687789E-03	2.675110E-03	-4.885878E-03
200281	-8.904051E-03	-2.731163E-01	-4.817848E-03	1.545071E-03	3.70694E-03	-2.195211E-03
200289	7.659083E-03	-2.729154E-01	6.965932E-03	-3.116142E-03	3.698545E-03	-3.731748E-04
200297	-2.523844E-01	-3.673388E-01	1.797333E-02	-1.154260E-03	2.247473E-03	-6.100211E-03
200305	3.277812E-03	-6.068490E-01	-2.412304E-01	-1.315830E-02	2.339124E-03	-5.231646E-03
200313	3.413635E-02	-6.876375E-01	-6.552070E-02	3.796549E-02	3.969567E-05	-5.833300E-03
200321	3.775324E-02	-6.876375E-01	-4.198238E-02	3.796549E-02	3.969567E-05	-5.833300E-03
200329	5.705748E-02	-6.876375E-01	8.301753E-02	3.888660E-02	3.969567E-05	-6.073814E-03
200337	6.173455E-02	-6.876375E-01	1.128088E-01	3.933693E-02	3.969567E-05	-6.241146E-03
200345	7.405970E-02	-6.876375E-01	1.274993E-01	3.987629E-02	3.969567E-05	-6.328724E-03
200353	1.102895E-02	-6.876375E-01	1.70858E-01	4.381542E-02	3.969567E-05	-6.570660E-03
200361	1.113588E-01	-6.878818E-01	4.129871E-01	4.508099E-02	3.969567E-05	-7.661849E-03
200369	1.45069E-01	-6.879026E-01	4.314973E-01	4.520515E-02	3.969567E-05	-7.692780E-03
200377	1.246189E-01	-6.879621E-01	4.308555E-01	4.536478E-02	3.969567E-05	-7.732216E-03
200385	1.501197E-01	-6.879621E-01	6.404682E-01	4.536478E-02	3.969567E-05	-7.732216E-03

AN-10 THREE-DIMENSIONAL BUILT UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 10,000 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODAL SHAPES  
 EIGENVALUE # 1.55343E-04

POINT ID.	TYPE	T1	T2	T3	M1	R2	R3
3331	G	-1.17845E-02	1.96141E-04	4.13934E-02	0.0	0.0	0.0
3334	G	-1.18401E-02	4.07368E-04	4.00405E-02	0.0	0.0	0.0
3341	G	-7.84576E-01	-9.88577E-04	4.17707E-02	0.0	0.0	0.0
3349	G	-8.37821E-01	-9.98033E-04	3.96245E-02	0.0	0.0	0.0
4631	G	-1.17371E-02	3.05359E-04	3.54875E-02	0.0	0.0	0.0
4633	G	-1.35591E-02	8.24333E-04	3.51545E-02	0.0	0.0	0.0
4637	G	-1.36421E-02	8.38432E-04	3.25941E-02	0.0	0.0	0.0
4639	G	-1.18466E-02	3.24864E-04	3.22439E-02	0.0	0.0	0.0
4641	G	-7.96352E-03	7.64868E-04	3.56243E-02	0.0	0.0	0.0
4649	G	-8.28052E-03	-7.35945E-04	3.21398E-02	0.0	0.0	0.0
4661	G	-3.65833E-03	-1.88319E-03	3.52636E-02	0.0	0.0	0.0
4669	G	-4.13418E-03	-1.86006E-03	3.25232E-02	0.0	0.0	0.0
6123	G	-1.64216E-02	1.47534E-03	2.66016E-02	0.0	0.0	0.0
6127	G	-1.64116E-02	1.45844E-03	2.40797E-02	0.0	0.0	0.0
6131	G	-1.34556E-02	7.81266E-04	2.71966E-02	0.0	0.0	0.0
6133	G	-1.34333E-02	7.91549E-04	2.65918E-02	0.0	0.0	0.0
6137	G	-1.34863E-02	8.40395E-04	2.40747E-02	0.0	0.0	0.0
6139	G	-1.35326E-02	8.52427E-04	2.36732E-02	0.0	0.0	0.0
6143	G	-9.37366E-03	-6.44270E-04	2.73167E-02	0.0	0.0	0.0
6149	G	-9.25824E-03	-6.49746E-04	2.65905E-02	0.0	0.0	0.0
6147	G	-9.65621E-03	1.49175E-04	2.40959E-02	0.0	0.0	0.0
6149	G	-9.58382E-03	1.49598E-04	2.35810E-02	0.0	0.0	0.0
6161	G	-6.42562E-03	-1.63358E-03	2.73423E-02	0.0	0.0	0.0
6163	G	-6.38814E-03	-1.63314E-03	2.65923E-02	0.0	0.0	0.0
6167	G	-6.93419E-03	-4.61464E-04	2.41282E-02	0.0	0.0	0.0
6169	G	-6.74035E-03	-4.61171E-04	2.34933E-02	0.0	0.0	0.0
6171	G	-1.14978E-03	-2.46919E-03	3.08029E-02	0.0	0.0	0.0
5179	G	-1.81771E-03	-2.59483E-03	2.83127E-02	0.0	0.0	0.0
7031	G	-1.33755E-02	7.94222E-04	0.0	0.0	0.0	0.0
7033	G	-1.33470E-02	7.86335E-04	2.16046E-02	0.0	0.0	0.0
7037	G	-1.34543E-02	7.86335E-04	1.95752E-02	0.0	0.0	0.0
7039	G	-1.34749E-02	7.75537E-04	0.0	0.0	0.0	0.0
7043	G	-9.11043E-03	0.0	2.15233E-02	0.0	0.0	0.0
7047	G	-9.55721E-03	0.0	1.94542E-02	0.0	0.0	0.0
7061	G	-6.34069E-03	-1.96798E-03	2.01642E-02	0.0	0.0	0.0
7063	G	-6.33302E-03	-1.96798E-03	2.14932E-02	0.0	0.0	0.0
7067	G	-6.56168E-03	2.58850E-04	1.94095E-02	0.0	0.0	0.0
7069	G	-6.61141E-03	2.55404E-04	1.89633E-02	0.0	0.0	0.0
7071	G	-1.58846E-03	0.0	2.09454E-02	0.0	0.0	0.0
7079	G	-2.51067E-03	0.0	1.87450E-02	0.0	0.0	0.0
7505	G	-2.21847E-02	2.29241E-03	1.67406E-02	1.01461E-04	5.84585E-04	-3.36340E-06
9300	G	6.60375E-04	-1.53637E-03	1.35253E-02	0.0	0.0	0.0
8531	G	-1.50924E-02	7.50322E-04	0.0	0.0	0.0	0.0
8533	G	-1.34707E-02	7.37667E-04	1.31455E-02	0.0	0.0	0.0
8537	G	-1.34543E-02	7.37667E-04	1.11162E-02	0.0	0.0	0.0
8539	G	-1.32537E-02	7.20729E-04	0.0	0.0	0.0	0.0
8543	G	-8.92880E-03	0.0	1.31844E-02	0.0	0.0	0.0
8547	G	-9.35451E-03	0.0	1.11890E-02	0.0	0.0	0.0
8561	G	-6.46853E-03	-1.41789E-03	1.24327E-02	0.0	0.0	0.0
8563	G	-5.68419E-03	-1.42563E-03	1.31906E-02	0.0	0.0	0.0
8567	G	-6.25933E-03	2.37855E-04	1.12065E-02	0.0	0.0	0.0
8569	G	-6.67129E-03	2.37855E-04	9.19297E-03	0.0	0.0	0.0
8571	G	-2.32598E-03	0.0	1.31798E-02	0.0	0.0	0.0
8579	G	-3.35798E-03	0.0	9.60245E-03	0.0	0.0	0.0
9303	G	-8.35593E-03	2.42402E-03	8.31256E-03	0.0	0.0	0.0
9307	G	-9.26337E-03	2.42402E-03	6.79137E-03	0.0	0.0	0.0

9313	G	-6.77497E-03	7.055827E-03	8.316513E-03	0.0	0.0
9317	G	-7.441700E-03	7.079511E-03	6.789366E-03	0.0	0.0
9331	G	-1.280407E-02	6.097732E-04	8.726271E-03	0.0	0.0
9333	G	-1.316251E-02	6.226198E-04	8.450561E-03	0.0	0.0
9337	G	-1.322210E-02	7.016468E-04	6.824773E-03	0.0	0.0
9339	G	-1.301498E-02	7.250782E-04	5.986946E-03	0.0	0.0
9341	G	0.0	7.162490E-04	5.074920E-03	0.0	0.0
9343	G	-8.779127E-03	7.147659E-04	7.588595E-03	0.0	0.0
9347	G	-9.174444E-03	7.076644E-04	5.723822E-03	0.0	0.0
9349	G	0.0	7.116135E-04	7.010331E-03	0.0	0.0
9361	G	-6.60803E-03	7.246291E-04	6.443154E-03	0.0	0.0
9363	G	-5.800374E-03	7.339113E-04	6.443154E-03	0.0	0.0
9367	G	-6.360953E-03	7.286421E-04	6.443154E-03	0.0	0.0
9369	G	-7.023070E-03	7.2956290E-04	6.443154E-03	0.0	0.0
9371	G	-4.178319E-03	5.537292E-04	6.256253E-03	0.0	0.0
9373	G	0.0	6.096158E-04	4.720733E-03	0.0	0.0
9377	G	0.0	8.379328E-04	3.134535E-03	0.0	0.0
9379	G	-4.891057E-03	7.563736E-04	3.613153E-03	0.0	0.0
11300	G	-2.858960E-03	1.098595E-03	0.0	0.0	0.0
11503	G	-6.617207E-03	1.098595E-03	0.0	0.0	0.0
11507	G	-7.346127E-03	1.098595E-03	0.0	0.0	0.0
11531	G	-1.147112E-02	2.332987E-04	0.0	0.0	0.0
11533	G	-1.174482E-02	2.677061E-04	0.0	0.0	0.0
11537	G	-1.180673E-02	5.119669E-04	-2.275199E-03	0.0	0.0
11539	G	-1.179826E-02	5.424919E-04	-2.839172E-03	0.0	0.0
11543	G	-8.673958E-03	1.605230E-04	0.0	0.0	0.0
11547	G	-8.908961E-03	1.605230E-04	0.0	0.0	0.0
11561	G	-6.964792E-03	1.026071E-03	-2.299814E-03	0.0	0.0
11563	G	-6.227437E-03	1.029555E-03	-2.256480E-03	0.0	0.0
11567	G	-6.752924E-03	1.029771E-03	-2.811127E-03	0.0	0.0
11569	G	-7.250600E-03	1.023644E-03	-3.343617E-03	0.0	0.0
11571	G	-4.134029E-03	0.0	-4.737865E-04	0.0	0.0
11579	G	-5.283885E-03	0.0	-1.943959E-03	0.0	0.0
11700	G	-6.010357E-03	6.894846E-04	-1.664767E-03	0.0	0.0
13000	G	-9.238776E-03	2.310720E-04	-9.395666E-03	0.0	0.0
13801	G	-6.635554E-03	1.398959E-04	-9.313755E-03	0.0	0.0
13803	G	-6.569743E-03	1.570298E-04	-9.441175E-03	0.0	0.0
13807	G	-7.154476E-03	1.737001E-04	-9.490401E-03	0.0	0.0
13809	G	-7.479064E-03	1.814892E-04	-9.511780E-03	0.0	0.0
13821	G	-7.058181E-03	2.584352E-05	-9.243015E-03	0.0	0.0
13824	G	-7.564623E-03	6.408713E-05	-9.412014E-03	0.0	0.0
13827	G	-8.026165E-03	1.437930E-04	-9.427078E-03	0.0	0.0
13829	G	-8.059475E-03	1.808249E-04	-9.431139E-03	0.0	0.0
13831	G	-1.030304E-02	7.894677E-05	-9.065129E-03	0.0	0.0
13833	G	-5.549499E-03	1.560560E-05	-9.106770E-03	0.0	0.0
13837	G	-8.831514E-03	1.051348E-04	-9.116780E-03	0.0	0.0
13839	G	-1.071103E-02	1.240519E-04	-9.373400E-03	0.0	0.0
13841	G	0.0	1.810959E-04	-8.765925E-03	0.0	0.0
13843	G	-8.574970E-03	1.125999E-04	-8.668858E-03	0.0	0.0
13847	G	-8.803338E-03	1.050442E-04	-8.917026E-03	0.0	0.0
13848	G	-8.777801E-03	-2.729890E-04	-8.421987E-03	0.0	0.0
13849	G	0.0	-2.339772E-04	-4.893295E-03	0.0	0.0
13861	G	-6.950837E-03	4.535620E-04	-8.374035E-03	0.0	0.0
13863	G	-7.301416E-03	4.6113837E-04	-8.766200E-03	0.0	0.0
13867	G	-7.412834E-03	7.382999E-04	-7.791374E-03	0.0	0.0
13869	G	-7.264134E-03	-7.283976E-04	-7.888723E-03	0.0	0.0
13871	G	-5.708548E-03	0.0	-8.489173E-03	0.0	0.0
13879	G	-7.824473E-03	0.0	-4.723258E-03	0.0	0.0
14801	G	-6.635554E-03	9.507741E-05	-8.692644E-03	0.0	0.0
14803	G	-6.460987E-03	8.349291E-05	-8.339344E-03	0.0	0.0
14807	G	-6.977409E-03	3.810416E-04	-8.963980E-03	0.0	0.0
14809	G	-7.479064E-03	3.892656E-04	-8.903388E-03	0.0	0.0
14821	G	-7.490840E-03	7.891450E-05	-8.875038E-03	0.0	0.0
14823	G	-7.482212E-03	9.023771E-05	-8.939344E-03	0.0	0.0
14827	G	-7.920649E-03	-3.757370E-04	-8.963980E-03	0.0	0.0
14829	G	-8.066576E-03	-3.600279E-04	-8.869112E-03	0.0	0.0



14831	-1.009591E-02	1.986014E-04	-8.822266E-03	0.0	0.0	0.0	0.0
14832	-8.92998E-03	1.582131E-04	-8.870427E-03	0.0	0.0	0.0	0.0
14833	-9.27910E-03	-2.371521E-04	-8.894958E-03	0.0	0.0	0.0	0.0
14834	-1.051269E-02	1.250712E-04	-8.783631E-03	0.0	0.0	0.0	0.0
14835	0.0	7.009122E-05	-8.757431E-03	0.0	0.0	0.0	0.0
14836	-8.535568E-03	-6.278757E-05	-8.681453E-03	0.0	0.0	0.0	0.0
14837	-8.819408E-03	-9.458193E-05	-8.888576E-03	0.0	0.0	0.0	0.0
14838	0.0	1.080744E-04	-8.712463E-03	0.0	0.0	0.0	0.0
14839	-7.065244E-03	1.702592E-05	-8.675721E-03	0.0	0.0	0.0	0.0
14840	-7.62997E-03	7.536022E-05	-8.803212E-03	0.0	0.0	0.0	0.0
14841	-6.028112E-03	6.949879E-06	-8.880798E-03	0.0	0.0	0.0	0.0
14842	-7.47121E-03	-6.107465E-06	-8.629449E-03	0.0	0.0	0.0	0.0
14843	-7.388938E-03	-6.144872E-05	-8.338844E-03	0.0	0.0	0.0	0.0
14844	-8.889288E-03	4.351379E-05	-5.393247E-03	0.0	0.0	0.0	0.0
14845	-9.386572E-03	9.832960E-05	-8.427740E-03	0.0	0.0	0.0	0.0
14846	-7.567692E-03	9.219733E-05	-8.287822E-03	0.0	0.0	0.0	0.0
15212	-6.626308E-03	1.565662E-04	-8.492272E-03	0.0	0.0	0.0	0.0
15213	-7.161986E-03	-4.167145E-04	-8.566553E-03	0.0	0.0	0.0	0.0
15214	-6.37597E-03	-3.960021E-04	-7.967554E-03	0.0	0.0	0.0	0.0
15601	-6.465987E-03	-4.022622E-04	-8.038843E-03	0.0	0.0	0.0	0.0
15602	-6.977435E-03	-4.564330E-04	-8.132204E-03	0.0	0.0	0.0	0.0
15603	-7.100385E-03	-4.644168E-04	-7.982778E-03	0.0	0.0	0.0	0.0
15604	-7.160654E-03	-3.403470E-04	-7.984585E-03	0.0	0.0	0.0	0.0
15621	-7.379659E-03	-3.955173E-04	-8.040356E-03	0.0	0.0	0.0	0.0
15622	-7.800691E-03	-4.190642E-04	-8.113652E-03	0.0	0.0	0.0	0.0
15623	-7.936563E-03	-4.511285E-04	-8.131217E-03	0.0	0.0	0.0	0.0
15624	-8.104719E-03	-4.528300E-04	-7.945488E-03	0.0	0.0	0.0	0.0
15625	-8.321472E-03	0.0	-8.133344E-03	0.0	0.0	0.0	0.0
15637	-8.054819E-03	0.0	-8.196421E-03	0.0	0.0	0.0	0.0
15638	-8.054819E-03	-7.706523E-03	-7.706523E-03	0.0	0.0	0.0	0.0
15639	-7.633963E-03	-7.706523E-03	-7.706523E-03	0.0	0.0	0.0	0.0
15640	-8.964099E-03	-7.706523E-03	-7.706523E-03	0.0	0.0	0.0	0.0
15641	-8.616757E-03	1.664304E-04	-7.552683E-03	0.0	0.0	0.0	0.0
16499	-1.074030E-02	1.904903E-04	-7.453331E-03	0.0	0.0	0.0	0.0
16601	-6.516207E-03	-6.508282E-04	-7.453331E-03	0.0	0.0	0.0	0.0
16602	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16603	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16604	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16605	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16606	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16607	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16608	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16609	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16610	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16611	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16612	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16613	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16614	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16615	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16616	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16617	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16618	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16619	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16620	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16621	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16622	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16623	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16624	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16625	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16626	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16627	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16628	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16629	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16630	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16631	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16632	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16633	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16634	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16635	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16636	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16637	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16638	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16639	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16640	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16641	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16642	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16643	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16644	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16645	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16646	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16647	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16648	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16649	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16650	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16651	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16652	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16653	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16654	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16655	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16656	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16657	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16658	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0
16659	-6.497841E-03	-1.328758E-03	-7.369354E-03	0.0	0.0	0.0	0.0

18661	G	-7.40376E-03	1.12315E-04	-3.56273E-03	-3.01605E-06	4.56645E-06	-1.449221E-04
18662	G	-7.68841E-03	1.04639E-04	-3.56645E-03	3.71113E-06	-2.76742E-05	-1.394095E-04
18663	G	-8.15926E-03	1.58116E-04	-3.54288E-03	1.71267E-05	-5.98062E-05	-1.316527E-04
18664	G	-8.84039E-03	1.20506E-04	-3.49208E-03	0.0	0.0	-7.489106E-05
18665	G	-9.09096E-03	1.35925E-04	-3.47173E-03	0.0	0.0	-1.134900E-05
18666	G	-8.96820E-03	1.47708E-04	-3.37849E-03	0.0	0.0	5.40628E-05
18667	G	-8.40660E-03	1.50593E-04	-3.37131E-03	2.31191E-05	-8.768970E-05	1.162269E-04
18668	G	-7.98917E-03	1.40828E-04	-3.58282E-03	2.51932E-05	-4.338758E-05	1.253686E-04
18669	G	-7.72637E-03	1.32994E-04	-3.51617E-03	3.482591E-05	1.036919E-06	1.337161E-04
18670	G	-8.75809E-03	1.18757E-04	-3.56373E-03	0.0	0.0	0.0
18671	G	-8.87101E-03	1.23136E-04	-3.53257E-03	1.912678E-05	-5.948379E-05	-2.29974E-05
18672	G	-8.94020E-03	1.14257E-04	-3.41591E-03	0.0	0.0	0.0
18673	G	-9.44020E-03	1.27003E-04	-3.39107E-03	2.319111E-05	-8.442528E-05	-2.29474E-05
18674	G	-9.27506E-03	1.26109E-04	-3.32621E-03	0.0	0.0	0.0
18675	G	-8.95203E-03	1.28701E-04	-3.35256E-03	0.0	0.0	0.0
18676	G	-9.54758E-03	1.44412E-04	-3.13802E-03	0.0	0.0	0.0
18677	G	-8.14172E-03	1.4981E-03	-2.13690E-03	0.0	0.0	0.0
18678	G	-1.19119E-03	1.10555E-03	-2.11328E-03	0.0	0.0	0.0
18679	G	-1.16963E-03	1.16963E-03	-2.11328E-03	0.0	0.0	0.0
18680	G	-1.09623E-03	1.00278E-03	-2.17708E-03	0.0	0.0	0.0
18681	G	-1.00278E-03	9.68623E-04	-2.17708E-03	0.0	0.0	0.0
18682	G	-6.13302E-03	8.51462E-04	-2.29159E-03	9.03093E-06	-1.30797E-04	-1.63494E-05
18683	G	-6.97862E-03	1.06111E-03	-2.31437E-03	5.160531E-05	-3.37598E-05	-9.41654E-05
18684	G	-6.95398E-03	1.12044E-03	-2.11123E-03	4.89491E-05	-5.80462E-05	-1.52615E-05
18685	G	-7.07460E-03	1.12044E-03	-2.11123E-03	1.730703E-05	-1.27122E-04	-1.645490E-05
18686	G	-7.25433E-03	1.30200E-03	-2.18775E-03	2.39123E-05	-1.28818E-04	-5.11031E-06
18687	G	-7.27602E-03	1.42550E-03	-2.28398E-03	1.042211E-04	-6.24691E-05	1.81737E-06
18688	G	-7.09060E-03	1.09940E-03	-2.12382E-03	5.06933E-05	-5.40693E-05	3.96200E-05
18689	G	-7.39118E-03	1.13392E-03	-2.11434E-03	-1.27525E-04	-1.27525E-04	-3.86802E-05
18690	G	-7.66859E-03	1.15063E-03	-2.11374E-03	-1.39518E-04	-1.39518E-04	-3.26973E-05
18691	G	-7.61427E-03	1.28548E-03	-2.19336E-03	0.0	0.0	0.0
18692	G	-7.57370E-03	1.31249E-03	-2.19336E-03	1.489182E-05	-1.453902E-04	1.63494E-05
18693	G	-7.37751E-03	1.37015E-03	-2.13039E-03	1.489182E-05	-1.21642E-04	2.43108E-05
18694	G	-9.17381E-03	2.61530E-03	-4.00581E-04	4.605951E-06	-6.35478E-05	2.56436E-05
18695	G	-9.84140E-03	2.70610E-03	-5.10595E-04	0.0	-7.43753E-04	-1.36338E-04
18696	G	-7.44115E-03	2.40830E-03	4.08848E-04	0.0	0.0	-1.42953E-04
18697	G	-7.69007E-03	2.60670E-03	2.39584E-04	0.0	0.0	0.0
18698	G	-7.97491E-03	2.60778E-03	4.15256E-04	0.0	0.0	0.0
18699	G	-8.02730E-03	2.73193E-03	4.15256E-04	0.0	0.0	0.0
18700	G	-8.20783E-03	2.81009E-03	8.18650E-04	0.0	0.0	0.0
18701	G	-6.49165E-03	3.06652E-03	9.88756E-05	-1.486848E-05	-1.06183E-04	-4.21364E-04
18702	G	-6.51348E-03	3.08216E-03	1.00687E-04	0.0	-1.054130E-04	-3.75353E-06
18703	G	-6.59596E-03	3.15184E-03	6.304901E-05	0.0	-9.154907E-05	-1.30367E-05
18704	G	-6.39939E-03	3.29433E-03	7.83491E-05	0.0	-7.68517E-05	-4.05780E-05
18705	G	-7.13842E-03	3.36191E-03	1.26527E-04	2.768904E-05	-7.69150E-05	-4.51123E-05
18706	G	-6.37013E-03	3.04754E-03	1.12577E-05	0.0	0.0	0.0
18707	G	-5.98017E-03	3.01351E-03	8.50840E-05	-1.51040E-06	-2.55858E-04	0.0
18708	G	-5.27928E-03	3.00487E-03	7.70196E-05	0.0	0.0	0.0
18709	G	-5.26284E-03	2.91124E-03	7.58172E-05	0.0	0.0	0.0
18710	G	-6.13344E-03	2.90722E-03	5.60390E-05	0.0	0.0	0.0
18711	G	-6.42221E-03	2.84983E-03	3.92104E-05	0.0	0.0	0.0
18712	G	-9.17230E-03	2.91944E-03	1.09133E-04	-1.943021E-05	-2.50146E-04	-1.374537E-04
18713	G	-9.83947E-03	3.02528E-03	7.83822E-05	1.720157E-05	-2.89720E-04	-1.44283E-04
18714	G	0.0	3.07334E-03	5.32382E-04	4.138096E-06	0.0	0.0
18715	G	-7.22481E-03	2.91254E-03	1.20520E-03	0.0	0.0	0.0
18716	G	-7.55514E-03	2.88313E-03	1.42389E-03	0.0	0.0	0.0
18717	G	-7.76867E-03	2.69828E-03	1.78299E-03	0.0	0.0	0.0
18718	G	-7.73023E-03	2.65378E-03	1.59754E-03	0.0	0.0	0.0
18719	G	-7.46935E-03	2.34221E-03	6.78345E-04	0.0	0.0	0.0
18720	G	-7.74266E-03	2.53661E-03	1.42149E-03	0.0	0.0	0.0
18721	G	-8.08705E-03	2.74159E-03	1.63778E-03	0.0	0.0	0.0
18722	G	-8.06099E-03	2.96458E-03	1.75317E-03	0.0	0.0	0.0
18723	G	-8.12549E-03	3.18522E-03	1.06038E-03	0.0	0.0	0.0
18724	G	-7.43923E-03	2.94470E-03	1.41804E-03	0.0	0.0	0.0
18725	G	-7.90010E-03	2.86026E-03	1.82382E-03	0.0	0.0	0.0

22101	-1.702840E-03	-3.550867E-03	1.116953E-03	0.0	0.0	0.0	0.0	0.0	0.0
22103	-7.965293E-03	-3.568905E-03	1.786010E-03	0.0	0.0	0.0	0.0	0.0	0.0
22107	-8.088756E-03	-2.777171E-03	1.706409E-03	0.0	0.0	0.0	0.0	0.0	0.0
22109	-8.112211E-03	-2.555951E-03	1.752275E-03	0.0	0.0	0.0	0.0	0.0	0.0
22121	-7.491950E-03	-2.645880E-03	1.789592E-03	0.0	0.0	0.0	0.0	0.0	0.0
22123	-7.765260E-03	-2.855527E-03	1.710451E-03	0.0	0.0	0.0	0.0	0.0	0.0
22125	-8.405458E-03	-2.789208E-03	2.032265E-03	0.0	0.0	0.0	0.0	0.0	0.0
22127	-8.069593E-03	-3.386676E-03	2.030190E-03	0.0	0.0	0.0	0.0	0.0	0.0
22129	-7.999338E-03	-3.260941E-03	1.237332E-03	0.0	0.0	0.0	0.0	0.0	0.0
23100	-6.212000E-03	-2.835877E-03	-7.208754E-03	0.0	0.0	0.0	0.0	0.0	0.0
25001	-1.009880E-02	-3.316794E-03	-6.357241E-03	0.0	0.0	0.0	0.0	0.0	0.0
25003	-1.015689E-02	-3.390333E-03	-6.313190E-03	0.0	0.0	0.0	0.0	0.0	0.0
25007	-1.004955E-02	-3.483975E-03	-5.715970E-03	0.0	0.0	0.0	0.0	0.0	0.0
25009	-1.003494E-02	-3.403555E-03	-5.103018E-03	0.0	0.0	0.0	0.0	0.0	0.0
25021	-8.950543E-03	-3.087315E-03	-4.424747E-03	0.0	0.0	0.0	0.0	0.0	0.0
25025	-9.056978E-03	-3.094778E-03	-6.169725E-03	0.0	0.0	0.0	0.0	0.0	0.0
25029	-8.828115E-03	-3.111051E-03	-6.153656E-03	0.0	0.0	0.0	0.0	0.0	0.0
25041	-6.356180E-03	-2.117137E-03	-6.578788E-03	0.0	0.0	0.0	0.0	0.0	0.0
25045	0.0	-2.266475E-03	-4.763708E-03	0.0	0.0	0.0	0.0	0.0	0.0
25049	-6.296266E-03	-1.431907E-03	-6.612339E-03	0.0	0.0	0.0	0.0	0.0	0.0
25061	-6.292153E-03	-1.396063E-03	-7.563758E-03	0.0	0.0	0.0	0.0	0.0	0.0
25065	-6.316859E-03	-1.425193E-03	-4.656579E-03	0.0	0.0	0.0	0.0	0.0	0.0
25067	-6.334374E-03	-1.425193E-03	-1.031266E-02	0.0	0.0	0.0	0.0	0.0	0.0
26001	-1.083985E-02	-3.228339E-03	-9.604137E-03	0.0	0.0	0.0	0.0	0.0	0.0
26009	-1.063917E-02	-3.302743E-03	-1.067503E-02	0.0	0.0	0.0	0.0	0.0	0.0
26021	-1.013574E-02	-2.819456E-03	-9.912401E-03	0.0	0.0	0.0	0.0	0.0	0.0
26025	-9.805847E-03	-2.844372E-03	-8.922368E-03	0.0	0.0	0.0	0.0	0.0	0.0
26029	-9.621145E-03	-2.835345E-03	-8.976212E-02	0.0	0.0	0.0	0.0	0.0	0.0
26041	-9.549854E-03	-2.132965E-03	-8.907272E-03	0.0	0.0	0.0	0.0	0.0	0.0
26045	0.0	-2.150026E-03	-8.963805E-03	0.0	0.0	0.0	0.0	0.0	0.0
26049	-6.410588E-03	-2.163778E-03	-1.081542E-02	0.0	0.0	0.0	0.0	0.0	0.0
26051	-3.515169E-03	-1.570131E-03	-9.927228E-03	0.0	0.0	0.0	0.0	0.0	0.0
26055	-3.292833E-03	-1.581906E-03	-9.927228E-03	0.0	0.0	0.0	0.0	0.0	0.0
26059	-3.617022E-03	-1.591910E-03	-8.947596E-03	0.0	0.0	0.0	0.0	0.0	0.0
26065	-1.891246E-02	-1.843106E-03	-2.113541E-02	0.0	0.0	0.0	0.0	0.0	0.0
26071	-1.277395E-02	-1.844493E-03	-2.109587E-02	0.0	0.0	0.0	0.0	0.0	0.0
26075	-1.371750E-02	-1.863172E-03	-2.102431E-02	0.0	0.0	0.0	0.0	0.0	0.0
26079	-1.448102E-02	-1.848885E-03	-2.058896E-02	0.0	0.0	0.0	0.0	0.0	0.0
26081	-1.219236E-03	-1.978231E-03	-2.029336E-02	0.0	0.0	0.0	0.0	0.0	0.0
26085	0.0	-1.973951E-03	-2.029336E-02	0.0	0.0	0.0	0.0	0.0	0.0
26089	-6.983653E-04	-1.961298E-03	-2.080939E-02	0.0	0.0	0.0	0.0	0.0	0.0
26091	-3.050447E-03	-2.103264E-03	-2.040064E-02	0.0	0.0	0.0	0.0	0.0	0.0
26095	-3.518345E-03	-2.084917E-03	-2.055052E-02	0.0	0.0	0.0	0.0	0.0	0.0
26099	-2.610317E-03	-2.133664E-03	-2.060646E-02	0.0	0.0	0.0	0.0	0.0	0.0
30045	-7.194690E-03	-1.977373E-03	-2.728709E-02	0.0	0.0	0.0	0.0	0.0	0.0
31045	-6.966237E-03	-1.486375E-03	-3.556643E-02	0.0	0.0	0.0	0.0	0.0	0.0
33045	-6.632462E-03	-5.050477E-04	-3.399100E-02	0.0	0.0	0.0	0.0	0.0	0.0
35045	-6.312896E-03	9.427448E-04	-5.171877E-02	0.0	0.0	0.0	0.0	0.0	0.0
38045	-6.046802E-03	2.576814E-03	-5.171877E-02	0.0	0.0	0.0	0.0	0.0	0.0
40141	-1.211657E-02	5.247582E-03	-6.384814E-02	0.0	0.0	0.0	0.0	0.0	0.0
40145	-9.558231E-03	5.247582E-03	-5.880493E-02	0.0	0.0	0.0	0.0	0.0	0.0
40149	-7.306989E-03	5.247582E-03	-5.615123E-02	0.0	0.0	0.0	0.0	0.0	0.0
40153	-5.912337E-03	5.247999E-03	-5.742745E-02	0.0	0.0	0.0	0.0	0.0	0.0
40157	-4.591284E-03	5.247593E-03	-5.941647E-02	0.0	0.0	0.0	0.0	0.0	0.0
40161	-3.320387E-03	5.247593E-03	-6.627108E-02	0.0	0.0	0.0	0.0	0.0	0.0
40165	-2.297984E-03	5.247593E-03	-7.562137E-02	0.0	0.0	0.0	0.0	0.0	0.0
42445	-5.987812E-03	7.999845E-03	-5.937061E-02	0.0	0.0	0.0	0.0	0.0	0.0
44445	-6.421108E-03	1.112507E-02	-5.570357E-02	0.0	0.0	0.0	0.0	0.0	0.0
45445	-6.747004E-03	1.263146E-02	-5.190474E-02	0.0	0.0	0.0	0.0	0.0	0.0
46445	-7.307287E-03	1.463686E-02	-4.470587E-02	0.0	0.0	0.0	0.0	0.0	0.0
48445	-1.917770E-02	1.057610E-02	-3.259321E-02	0.0	0.0	0.0	0.0	0.0	0.0
48845	-2.627729E-02	7.924847E-03	-2.533846E-02	0.0	0.0	0.0	0.0	0.0	0.0
49345	-3.419683E-02	5.042035E-03	-1.726641E-02	0.0	0.0	0.0	0.0	0.0	0.0
50645	-4.269077E-02	2.157149E-03	-8.546800E-03	0.0	0.0	0.0	0.0	0.0	0.0
51545	-5.166214E-02	-4.712369E-04	-6.348474E-04	0.0	0.0	0.0	0.0	0.0	0.0
52045	-6.118532E-02	-1.734607E-02	5.273795E-03	0.0	0.0	0.0	0.0	0.0	0.0
52049	-6.983792E-04	3.303792E-04	3.303792E-04	0.0	0.0	0.0	0.0	0.0	0.0
52051	3.797393E-04	3.797393E-04	3.797393E-04	0.0	0.0	0.0	0.0	0.0	0.0
52053	6.044124E-04	6.044124E-04	6.044124E-04	0.0	0.0	0.0	0.0	0.0	0.0
52055	3.362535E-04	3.362535E-04	3.362535E-04	0.0	0.0	0.0	0.0	0.0	0.0
52057	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52059	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52061	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52063	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52065	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52067	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52069	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52071	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52073	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52075	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52077	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52079	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52081	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52083	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52085	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52087	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52089	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52091	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52093	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52095	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52097	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52099	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52101	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52103	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52105	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52107	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52109	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52111	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52113	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52115	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52117	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52119	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52121	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52123	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52125	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52127	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52129	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52131	2.000100E-04	2.000100E-04	2.000100E-04	0.0	0.0	0.0	0.0	0.0	0.0
52133	2.000100E-04	2.000100E-04	2.000100E-04						



71928	-7.096544E-03	-5.4511933E-04	-2.471854E-03	1.331022E-04	-2.960715E-05	-2.706326E-04
71934	-7.261291E-03	-3.661966E-03	-1.905864E-04	3.005587E-04	-7.682848E-05	-7.468743E-04
71935	-7.212121E-03	-3.466381E-03	-1.905864E-04	3.005587E-04	-7.682848E-05	-7.468743E-04
71936	-7.158334E-03	-3.259247E-03	-1.905864E-04	3.005587E-04	-7.682848E-05	-7.468743E-04
72211	-8.543547E-03	-7.453846E-04	-3.832272E-03	0.0	0.0	0.0
72213	-8.441061E-03	-1.122835E-04	-3.832272E-03	0.0	0.0	0.0
72217	-8.125052E-03	6.211903E-04	-3.821571E-03	1.314266E-04	-1.539223E-05	-2.195937E-04
72219	-8.063435E-03	1.375884E-03	-3.815817E-03	0.0	0.0	0.0
72224	-8.466132E-03	-2.559633E-03	-3.186179E-03	5.960025E-04	-6.074019E-04	-2.447711E-04
72224	-8.317315E-03	-2.457323E-03	-3.191624E-03	2.073864E-04	2.130626E-04	-3.621544E-04
72226	-8.037183E-03	-9.151273E-04	-3.120059E-03	-2.669385E-04	-1.351781E-04	-2.811328E-04
72229	-7.945762E-03	-5.016138E-04	-3.129525E-03	2.835831E-04	-0.03833E-05	-2.615114E-04
72231	-8.086855E-03	-2.247189E-03	-1.828733E-03	6.076130E-04	-9.672152E-05	-2.418547E-04
72239	-7.665138E-03	-3.344486E-03	-1.818558E-03	6.362651E-04	-6.839955E-05	-2.658324E-04
72811	-9.753976E-03	-6.396044E-04	-4.774001E-03	0.0	0.0	0.0
72819	-9.434529E-03	6.412778E-04	-4.825943E-03	0.0	0.0	0.0
72821	-9.704176E-03	-2.666791E-03	-4.510653E-03	0.0	0.0	0.0
72829	-9.389684E-03	-7.774117E-04	-4.508742E-03	0.0	0.0	0.0
72831	-9.508170E-03	-6.485093E-03	-3.936950E-03	0.0	0.0	0.0
72839	-9.420265E-03	-3.742117E-03	-3.936950E-03	0.0	0.0	0.0
73411	-1.090060E-02	-1.432044E-03	-5.771138E-03	0.0	0.0	0.0
73419	-1.040956E-02	6.230873E-04	-5.776221E-03	0.0	0.0	0.0
73421	-1.090871E-02	-2.984410E-03	-5.820703E-03	0.0	0.0	0.0
73429	-1.091785E-02	-1.108423E-03	-5.826250E-03	0.0	0.0	0.0
73431	-1.095363E-02	-6.750002E-03	-5.842981E-03	0.0	0.0	0.0
73439	-1.095110E-02	-6.084036E-03	-5.846418E-03	0.0	0.0	0.0
74211	-1.266592E-02	-1.575449E-03	-7.433537E-03	0.0	0.0	0.0
74219	-1.308458E-02	-1.924544E-05	-7.442426E-03	0.0	0.0	0.0
74221	-1.278334E-02	-3.463698E-03	-7.998278E-03	0.0	0.0	0.0
74229	-1.320046E-02	-1.600273E-03	-7.998278E-03	0.0	0.0	0.0
74231	-1.312783E-02	-5.104394E-03	-3.703443E-03	0.0	0.0	0.0
74239	-1.323766E-02	-6.501775E-03	-8.730634E-03	0.0	0.0	0.0
75011	-1.453133E-02	-2.041343E-03	-9.343736E-03	0.0	0.0	0.0
75019	-1.529452E-02	-5.852717E-04	-9.343736E-03	0.0	0.0	0.0
75021	-1.478750E-02	-2.964249E-03	-1.034683E-02	0.0	0.0	0.0
75029	-1.556149E-02	-2.144958E-03	-1.076718E-02	0.0	0.0	0.0
75031	-1.537732E-02	-5.578566E-03	-1.178640E-02	0.0	0.0	0.0
75039	-1.360089E-02	-6.48643E-03	-1.178733E-02	0.0	0.0	0.0
75911	-1.649633E-02	-2.516168E-03	-1.142723E-02	0.0	0.0	0.0
75919	-1.754130E-02	-1.27481E-03	-1.142723E-02	0.0	0.0	0.0
75921	-1.696901E-02	-6.423395E-03	-1.335035E-02	0.0	0.0	0.0
75929	-1.803332E-02	-2.819050E-03	-1.335035E-02	0.0	0.0	0.0
75931	-1.772391E-02	-5.943595E-03	-1.307981E-02	0.0	0.0	0.0
75939	-1.603755E-02	-2.60651E-03	-1.308203E-02	0.0	0.0	0.0
12400	-4.951109E-04	1.264542E-07	-7.791354E-03	-1.189087E-04	-5.836990E-05	-1.265025E-04
12467	-4.330844E-03	1.408338E-03	-3.213350E-03	0.0	0.0	0.0
12467	-4.573262E-04	1.087895E-02	-6.081322E-03	0.0	0.0	0.0
124900	-4.951109E-04	9.622008E-03	-6.396315E-03	0.0	0.0	0.0
125063	-4.297018E-03	-1.431905E-03	-6.7196025E-03	0.0	0.0	0.0
125065	-4.318949E-03	-1.396063E-03	-7.198542E-03	0.0	0.0	0.0
125367	-4.340926E-03	-1.425193E-03	-4.656579E-03	0.0	0.0	0.0
125383	-2.303765E-03	8.28682E-03	-7.480852E-03	0.0	0.0	0.0
125387	-6.842370E-04	8.28682E-03	-4.691016E-03	0.0	0.0	0.0
126363	-3.649596E-03	-1.572191E-03	-1.052710E-02	0.0	0.0	0.0
126367	-3.718368E-03	-1.591910E-03	-9.265594E-03	0.0	0.0	0.0
127000	-4.951109E-04	9.484743E-03	-4.949242E-03	-1.189087E-04	-5.836990E-05	-1.265025E-04
184073	-1.172456E-02	-1.302704E-03	-3.508647E-03	0.0	0.0	0.0
200077	-1.372329E-02	-1.302704E-03	-5.172215E-03	6.728766E-05	-3.027734E-04	-6.055491E-05
200078	-1.011933E-02	-1.402518E-03	-1.293630E-03	6.728766E-05	-3.027734E-04	-6.055491E-05
200078	-1.247393E-02	-1.911866E-03	-1.293630E-03	6.728766E-05	-3.027734E-04	-6.055491E-05
200078	-1.292284E-02	-2.311586E-03	-1.294727E-03	6.740769E-05	-3.038249E-04	-6.055491E-05
200078	-1.574485E-02	-2.620762E-03	-1.297394E-03	7.980200E-05	-3.058702E-04	-6.055491E-05
200087	-1.512335E-02	-2.498182E-03	-1.297394E-03	6.771086E-05	-3.070740E-04	-6.055491E-05
200095	-1.850883E-02	-3.222443E-03	-1.300636E-03	5.545224E-05	-2.453991E-04	-6.055491E-05
200106	-1.781907E-02	-3.090752E-03	-1.300636E-03	6.765634E-05	-3.087989E-04	-6.055491E-05
200101	-1.957270E-02	-3.474350E-03	-1.302738E-03	3.236921E-05	-1.275588E-04	-6.055491E-05

200106	G	-1.942734E-02	-3.579759E-03	-1.306084E-03	5.822167E-06	-1.632773E-06	-6.055491E-05
200114	G	-1.911449E-02	-3.78469E-03	-1.312612E-03	3.222874E-05	-1.977186E-04	-6.055491E-05
200121	G	-1.716227E-02	-3.135875E-03	-1.171799E-03	-6.476216E-05	3.647681E-04	-6.055491E-05
200129	G	-1.557570E-02	-2.448493E-03	-1.323727E-03	-9.648493E-05	5.278707E-04	-6.055491E-05
200137	G	-1.6115851E-03	-1.6115851E-03	-1.323727E-03	-1.193221E-04	6.468117E-04	-6.055491E-05
200145	G	-1.316110E-03	-6.304025E-04	-1.323726E-03	-1.330364E-04	7.177503E-04	-6.055491E-05
200153	G	2.353074E-03	4.544165E-04	-1.323726E-03	-1.373920E-04	7.404531E-04	-6.055491E-05
200155	G	3.494466E-03	7.580516E-04	-1.323725E-03	-1.373920E-04	7.404531E-04	-6.055491E-05
211001	G	9.948171E-01	-4.164873E-01	-4.829443E-01	-2.859635E-02	-1.856607E-02	-1.435079E-03
211002	G	1.000010E-00	-2.267620E-01	-4.550345E-01	2.871200E-02	-1.844239E-02	-1.435079E-03
211073	G	-1.172456E-02	-2.621589E-03	3.087561E-03	6.728766E-05	3.027734E-04	-6.055491E-05
211077	G	-1.322329E-02	-2.621589E-03	1.422191E-03	6.728766E-05	3.027734E-04	-6.055491E-05
214075	G	-1.247343E-02	-2.789932E-03	3.096597E-03	6.728766E-05	3.027734E-04	-6.055491E-05
214901	G	9.984173E-01	-4.734725E-01	2.490971E-01	-2.859635E-02	-1.856607E-02	-1.435079E-03
214902	G	1.000003E-00	-4.762372E-01	2.721788E-01	-2.871200E-02	-1.856607E-02	-1.435079E-03
215101	G	3.309710E-01	-4.353724E-02	9.635574E-02	-1.313489E-02	-4.019018E-02	-1.154361E-02
215102	G	3.326040E-01	-4.353106E-02	9.764910E-02	-1.323799E-02	-4.019018E-02	-1.154361E-02
215201	G	-7.361986E-03	-4.167145E-04	-8.546550E-03	-4.466578E-03	-4.264728E-02	-6.973598E-03
215202	G	-6.626308E-03	-1.565662E-04	-8.492272E-03	-4.466578E-03	-4.261481E-02	-7.032827E-03
222001	G	9.968188E-01	-9.848269E-01	8.425740E-01	-5.33434E-02	-1.967302E-02	-1.025934E-03
222002	G	9.980080E-01	9.749191E-01	8.425740E-01	-5.33434E-02	-1.967302E-02	-1.025934E-03
222201	G	3.453008E-01	-1.556512E-01	4.322709E-01	-3.719647E-02	3.718668E-02	-1.181593E-02
222202	G	3.464269E-01	-1.491789E-01	4.297231E-01	-3.700174E-02	3.715111E-02	-1.181593E-02
222301	G	-7.900100E-03	-2.860269E-03	1.823324E-03	-1.865468E-02	-3.928244E-02	7.075571E-03
222302	G	-7.439233E-03	-2.944707E-03	1.818064E-03	-1.865468E-02	-3.927033E-02	7.114179E-03
223401	G	9.968188E-01	-9.720637E-01	1.128816E-00	-4.534332E-02	-1.967302E-02	-1.025934E-03
223402	G	9.980080E-01	-9.592644E-01	1.122584E-00	-4.510575E-02	-1.959916E-02	-1.025934E-03
520018	G	-6.563860E-02	-1.034073E-02	1.092035E-02	2.578467E-03	-1.086695E-03	2.447491E-03
520024	G	-6.716459E-02	-1.034073E-02	1.251873E-02	2.578467E-03	-1.086695E-03	2.447491E-03
520057	G	-7.545060E-02	-1.034093E-02	2.104466E-02	2.678172E-03	-1.086695E-03	2.689336E-03
520065	G	-7.755041E-02	-1.034097E-02	2.310530E-02	2.678172E-03	-1.086695E-03	2.689336E-03
520068	G	-7.861686E-02	-1.034099E-02	2.412863E-02	2.784274E-03	-1.086695E-03	2.842738E-03
520079	G	-8.189690E-02	-1.034143E-02	2.719144E-02	2.784274E-03	-1.086695E-03	2.923129E-03
520135	G	-1.028247E-01	-1.034454E-02	4.481440E-02	3.339587E-03	-1.086695E-03	3.144496E-03
520139	G	-1.045280E-01	-1.034483E-02	4.481440E-02	3.339587E-03	-1.086695E-03	3.144496E-03
520152	G	-1.100190E-01	-1.034675E-02	5.254930E-02	3.369040E-03	-1.086695E-03	4.160701E-03
520185	G	-1.236813E-01	-1.034575E-02	6.175414E-02	3.369040E-03	-1.086695E-03	4.160701E-03

AM-10 THREE-DIMENSIONAL BUILD-UP DYNAMIC MODEL - FILE 14 - CLN 3  
BASIC MISSION WEIGHT CONFIGURATION - 11933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
EIGENVALUE # 1.646954E-04

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POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3131	G	-2.540335E-03	2.052324E-02	2.537336E-01	0.0	0.0	0.0
3134	G	-1.847310E-04	2.653800E-02	2.576442E-01	0.0	0.0	0.0
3141	G	4.207782E-02	-4.189510E-01	3.793949E-01	0.0	0.0	0.0
3149	G	-4.604107E-02	-4.185234E-01	-3.833957E-01	0.0	0.0	0.0
4231	G	-6.221741E-03	3.049608E-02	5.755365E-01	0.0	0.0	0.0
4233	G	-8.388512E-03	2.136768E-01	4.550272E-01	0.0	0.0	0.0
4239	G	9.946845E-03	2.136466E-01	-4.565643E-01	0.0	0.0	0.0
4239	G	1.456680E-03	3.344632E-02	-5.770833E-01	0.0	0.0	0.0
4441	G	9.579852E-03	-3.459694E-01	6.201953E-01	0.0	0.0	0.0
4441	G	-1.311995E-02	-3.461572E-01	-6.217515E-01	0.0	0.0	0.0
4449	G	3.977673E-02	-7.480458E-01	4.873832E-01	0.0	0.0	0.0
4464	G	-3.422277E-02	-7.488450E-01	-4.889716E-01	0.0	0.0	0.0
6123	G	-2.387957E-02	4.698025E-01	4.501106E-01	0.0	0.0	0.0
6127	G	2.242170E-02	4.703006E-01	-4.489586E-01	0.0	0.0	0.0
6131	G	-1.231421E-02	2.350558E-01	6.337544E-01	0.0	0.0	0.0
6131	G	-7.703566E-03	2.353649E-01	4.486606E-01	0.0	0.0	0.0
6137	G	5.140263E-03	2.353649E-01	-4.474200E-01	0.0	0.0	0.0
6139	G	9.817056E-03	2.349880E-01	-6.334602E-01	0.0	0.0	0.0
6141	G	-1.705713E-03	-1.646745E-01	6.731530E-01	0.0	0.0	0.0
6143	G	1.765352E-02	-1.647853E-01	-4.444596E-01	0.0	0.0	0.0
6147	G	-2.142246E-02	-1.68135E-01	-4.434716E-01	0.0	0.0	0.0
6149	G	-2.103855E-03	-1.680699E-01	-6.731592E-01	0.0	0.0	0.0
6161	G	4.151978E-03	-4.605842E-01	7.027438E-01	0.0	0.0	0.0
6161	G	3.248140E-02	-4.608427E-01	4.615877E-01	0.0	0.0	0.0
6167	G	-3.478529E-02	-4.658273E-01	-4.611058E-01	0.0	0.0	0.0
6169	G	-1.276318E-02	-4.656249E-01	-7.025934E-01	0.0	0.0	0.0
6171	G	0.420606E-02	-1.300000E-00	4.586702E-01	0.0	0.0	0.0
6171	G	-6.769043E-04	-1.348691E-01	-4.607441E-01	0.0	0.0	0.0
7331	G	-4.735022E-03	2.425341E-01	0.0	0.0	0.0	0.0
7331	G	-6.046566E-03	2.424680E-01	4.029065E-01	0.0	0.0	0.0
7337	G	1.612719E-03	2.422406E-01	-4.046366E-01	0.0	0.0	0.0
7339	G	7.134442E-03	2.422586E-01	0.0	0.0	0.0	0.0
7343	G	1.799341E-02	0.0	4.077660E-01	0.0	0.0	0.0
7347	G	-2.259635E-02	0.0	-4.107116E-01	0.0	0.0	0.0
7361	G	-3.000773E-03	-4.219760E-01	7.527891E-01	0.0	0.0	0.0
7363	G	3.349225E-02	-4.219763E-01	4.094313E-01	0.0	0.0	0.0
7367	G	-5.461676E-02	-4.342517E-01	-4.127607E-01	0.0	0.0	0.0
7369	G	8.159333E-04	-4.336666E-01	-7.865329E-01	0.0	0.0	0.0
7371	G	1.076615E-01	0.0	7.701896E-01	0.0	0.0	0.0
7371	G	-1.113965E-01	0.0	-9.046824E-01	0.0	0.0	0.0
7375	G	-9.414815E-03	8.202843E-01	-3.583312E-01	4.337566E-02	5.302568E-01	4.843699E-04
8100	G	9.472117E-03	6.549403E-01	-6.155830E-01	0.0	0.0	0.0
8131	G	-5.603546E-03	2.490488E-01	0.0	0.0	0.0	0.0
8133	G	-6.046566E-03	2.493768E-01	3.945102E-01	0.0	0.0	0.0
8137	G	3.632739E-03	2.493768E-01	-4.130239E-01	0.0	0.0	0.0
8139	G	1.870601E-03	2.495748E-01	0.0	0.0	0.0	0.0
8163	G	1.809050E-02	0.0	3.885741E-01	0.0	0.0	0.0
8167	G	-2.219716E-02	0.0	-4.054447E-01	0.0	0.0	0.0
8169	G	-3.215841E-02	-3.273612E-01	6.775225E-01	0.0	0.0	0.0
8171	G	6.168420E-02	-3.282180E-01	3.866322E-01	0.0	0.0	0.0
8177	G	-6.259034E-02	-3.253457E-01	-4.029471E-01	0.0	0.0	0.0
8159	G	2.462332E-02	-3.253458E-01	-7.420376E-01	0.0	0.0	0.0
8171	G	1.450375E-01	0.0	6.865280E-01	0.0	0.0	0.0
8173	G	-1.223905E-01	0.0	-7.239572E-01	0.0	0.0	0.0
8173	G	1.410770E-01	9.403874E-01	3.099785E-01	0.0	0.0	0.0
9137	G	-1.272756E-01	9.409353E-01	-3.291509E-01	0.0	0.0	0.0

9313	9.343781E-02	4.209584E-01	3.112145E-01	0.0	0.0	0.0
9317	-0.164818E-02	6.29663E-01	-3.301609E-01	0.0	0.0	0.0
9331	-2.198256E-03	2.430273E-01	5.539316E-01	0.0	0.0	0.0
9333	1.090116E-03	2.423553E-01	3.325131E-01	0.0	0.0	0.0
9337	3.784261E-03	2.374702E-01	-3.510634E-01	0.0	0.0	0.0
9339	-2.281174E-03	2.371914E-01	5.933717E-01	0.0	0.0	0.0
9341	0.0	2.230146E-03	5.374720E-01	0.0	0.0	0.0
9343	1.770389E-02	4.604127E-03	3.233685E-01	0.0	0.0	0.0
9347	-2.088039E-02	9.36386E-03	-3.612374E-01	0.0	0.0	0.0
9349	0.0	7.609706E-03	-5.787575E-01	0.0	0.0	0.0
9351	-2.196852E-02	-2.037067E-01	5.664667E-01	0.0	0.0	0.0
9353	5.306006E-02	-0.00250E-01	3.123752E-01	0.0	0.0	0.0
9357	-5.500414E-02	-2.372663E-01	-3.316993E-01	0.0	0.0	0.0
9359	3.311141E-02	-2.068610E-01	5.996755E-01	0.0	0.0	0.0
9361	4.513977E-02	-1.882952E-01	3.196212E-01	0.0	0.0	0.0
9363	0.0	-3.867532E-01	3.137177E-01	0.0	0.0	0.0
9377	0.0	-3.918991E-01	3.336490E-01	0.0	0.0	0.0
9379	-5.100507E-02	-3.910423E-01	-5.703046E-01	0.0	0.0	0.0
11300	1.482004E-01	3.785704E-01	2.106292E-01	0.0	0.0	0.0
11443	1.033696E-01	5.470100E-01	0.0	0.0	0.0	0.0
11507	-9.392118E-02	5.470100E-01	0.0	0.0	0.0	0.0
11531	1.056302E-02	2.038440E-01	0.0	0.0	0.0	0.0
11533	-1.071972E-02	2.039967E-01	1.778805E-01	0.0	0.0	0.0
11537	9.266146E-03	2.038572E-01	-1.986696E-01	0.0	0.0	0.0
11539	-1.078739E-02	2.034621E-01	0.0	0.0	0.0	0.0
11543	1.423088E-02	4.332156E-02	1.779020E-01	0.0	0.0	0.0
11547	-1.769912E-02	-5.595486E-02	-1.988809E-01	0.0	0.0	0.0
11561	-1.211128E-02	-5.601743E-02	3.066812E-01	0.0	0.0	0.0
11563	-5.461074E-02	-4.739524E-02	1.777444E-01	0.0	0.0	0.0
11567	5.783017E-02	-4.739524E-02	-1.988508E-01	0.0	0.0	0.0
11569	1.025078E-02	-4.746434E-02	3.114611E-01	0.0	0.0	0.0
11571	1.404652E-01	0.0	3.051147E-01	0.0	0.0	0.0
11579	-1.517431E-01	0.0	-3.091751E-01	0.0	0.0	0.0
11700	-8.628136E-02	3.925447E-01	-1.556675E-01	0.0	0.0	0.0
13520	7.045471E-03	2.978789E-02	-8.349169E-03	0.0	0.0	0.0
13531	1.031586E-01	2.675641E-01	7.515234E-02	0.0	0.0	0.0
13533	7.911772E-02	2.758213E-01	3.987663E-02	0.0	0.0	0.0
13537	-6.778300E-02	2.748976E-01	-5.470904E-02	0.0	0.0	0.0
13539	-9.122948E-02	2.649041E-01	-9.142262E-02	0.0	0.0	0.0
13539	1.095072E-01	2.128988E-01	8.832443E-02	0.0	0.0	0.0
13541	4.366108E-02	2.136214E-01	3.982584E-02	0.0	0.0	0.0
13543	-3.879819E-02	2.132074E-01	-5.446489E-02	0.0	0.0	0.0
13547	-1.031799E-01	2.124982E-01	-1.054830E-01	0.0	0.0	0.0
13549	2.404790E-02	1.503270E-01	9.432077E-02	0.0	0.0	0.0
13581	1.073685E-02	1.512458E-01	4.543184E-02	0.0	0.0	0.0
13583	-9.153191E-03	1.509472E-01	-5.952021E-02	0.0	0.0	0.0
13589	-2.112394E-02	1.497558E-01	-1.146001E-01	0.0	0.0	0.0
13591	0.0	8.757836E-02	1.022995E-01	0.0	0.0	0.0
13593	1.850250E-02	8.672303E-02	4.911402E-02	0.0	0.0	0.0
13597	-1.942593E-02	8.631712E-02	-6.192829E-02	0.0	0.0	0.0
13599	-1.940168E-02	9.310150E-02	-6.823444E-02	0.0	0.0	0.0
13649	0.0	9.145260E-02	-1.093404E-01	0.0	0.0	0.0
13651	2.192364E-02	3.839954E-02	1.062415E-01	0.0	0.0	0.0
13653	3.591443E-02	3.856192E-02	5.039530E-02	0.0	0.0	0.0
13657	-4.613350E-02	3.569432E-02	-8.152596E-02	0.0	0.0	0.0
13649	-2.190342E-02	3.523526E-02	-1.353256E-01	0.0	0.0	0.0
13671	8.613500E-02	0.0	1.067667E-01	0.0	0.0	0.0
13679	-1.509477E-01	0.0	-1.198841E-01	0.0	0.0	0.0
14801	1.031586E-01	1.917102E-01	6.893757E-02	0.0	0.0	0.0
14803	6.291187E-02	1.931307E-01	4.187604E-02	0.0	0.0	0.0
14807	-5.078969E-02	1.931153E-01	-5.116676E-02	0.0	0.0	0.0
14809	-9.422968E-02	1.917031E-01	-7.810885E-02	0.0	0.0	0.0
14821	1.050737E-01	1.570439E-01	7.651097E-02	0.0	0.0	0.0
14823	4.538264E-02	1.569105E-01	4.187604E-02	0.0	0.0	0.0
14827	-3.848586E-02	1.549361E-01	-5.114476E-02	0.0	0.0	0.0
14829	-9.860039E-02	1.571072E-01	-8.553851E-02	0.0	0.0	0.0



14831	4.734564E-02	1.220556E-01	7.539236E-02	0.0	0.0	0.0
14832	1.876788E-02	1.216187E-01	4.218386E-02	0.0	0.0	0.0
14833	-1.702504E-02	1.216027E-01	-5.151734E-02	0.0	0.0	0.0
14834	0.0	1.220886E-01	-8.391233E-02	0.0	0.0	0.0
14835	1.890440E-02	8.028769E-02	7.416749E-02	0.0	0.0	0.0
14836	1.8447	7.966387E-02	3.971497E-02	0.0	0.0	0.0
14837	-2.111346E-02	7.966387E-02	-4.914212E-02	0.0	0.0	0.0
14838	0.0	8.040518E-02	-8.186833E-02	0.0	0.0	0.0
14839	3.419852E-02	4.229150E-02	7.216150E-02	0.0	0.0	0.0
14840	2.460511E-02	4.281527E-02	3.931975E-02	0.0	0.0	0.0
14841	-3.035983E-02	4.513387E-02	-4.860616E-02	0.0	0.0	0.0
14842	-4.268421E-02	4.528249E-02	-7.851356E-02	0.0	0.0	0.0
14843	7.011676E-02	-1.220677E-02	6.354244E-02	0.0	0.0	0.0
14844	2.316193E-02	-1.257727E-02	3.947116E-02	0.0	0.0	0.0
14845	-3.619874E-02	-1.176495E-02	-6.571965E-02	0.0	0.0	0.0
14846	-7.403949E-02	-1.111385E-02	-6.894784E-02	0.0	0.0	0.0
14847	8.347220E-02	1.494778E-01	6.450266E-02	0.0	0.0	0.0
14848	-7.390726E-02	1.497807E-01	-7.155007E-02	0.0	0.0	0.0
14849	8.709115E-02	1.236548E-01	7.766852E-02	0.0	0.0	0.0
14850	6.291187E-02	1.350092E-01	5.753385E-02	0.0	0.0	0.0
14851	-5.058983E-02	1.327995E-01	-8.217312E-02	0.0	0.0	0.0
14852	-7.091188E-02	1.234579E-01	-8.170426E-02	0.0	0.0	0.0
14853	1.000208E-01	9.624100E-02	8.189791E-02	0.0	0.0	0.0
14854	5.849804E-02	9.478909E-02	6.444949E-02	0.0	0.0	0.0
14855	3.412560E-03	9.580469E-02	-2.432718E-03	0.0	0.0	0.0
14856	-2.164277E-02	9.462041E-02	-6.928116E-02	0.0	0.0	0.0
14857	-9.350342E-02	0.0	5.849289E-02	0.0	0.0	0.0
14858	4.679614E-02	0.0	5.849289E-02	0.0	0.0	0.0
14859	-4.533063E-02	0.0	-6.432547E-02	0.0	0.0	0.0
14860	5.127474E-02	-4.051344E-02	3.432155E-02	0.0	0.0	0.0
14861	3.557104E-02	-4.336351E-02	0.0	0.0	0.0	0.0
14862	-2.555939E-03	3.987010E-02	0.0	0.0	0.0	0.0
14863	-4.701007E-02	-4.088752E-02	0.0	0.0	0.0	0.0
14864	-6.985748E-02	-4.124350E-02	-2.846366E-02	0.0	0.0	0.0
14865	6.778301E-04	6.364367E-04	2.985296E-04	0.0	0.0	0.0
14866	5.791144E-02	-4.433340E-02	-5.940230E-04	0.0	0.0	0.0
14867	3.283210E-02	-4.449739E-02	-7.09491E-03	0.0	0.0	0.0
14868	-2.635261E-02	-4.446373E-02	3.677113E-03	0.0	0.0	0.0
14869	-2.143363E-02	-4.196295E-02	1.024014E-02	0.0	0.0	0.0
14870	3.355947E-02	-5.959143E-02	1.459115E-03	0.0	0.0	0.0
14871	3.286836E-02	-5.881574E-02	4.999717E-04	0.0	0.0	0.0
14872	-2.697700E-03	-5.463185E-02	4.101105E-03	0.0	0.0	0.0
14873	-2.618230E-02	-5.950434E-02	4.358432E-03	0.0	0.0	0.0
14874	-5.538764E-02	-5.811544E-02	8.415455E-03	0.0	0.0	0.0
14875	6.222462E-02	-9.701627E-02	-2.373813E-04	0.0	0.0	0.0
14876	0.0	-9.688392E-02	-2.550252E-04	0.0	0.0	0.0
14877	0.0	-9.374825E-02	1.962245E-03	0.0	0.0	0.0
14878	0.0	-9.651369E-02	7.461266E-03	0.0	0.0	0.0
14879	-6.095553E-02	-9.706706E-02	1.047589E-02	0.0	0.0	0.0
14880	1.646310E-02	-1.351557E-01	-1.047589E-02	0.0	0.0	0.0
14881	2.226813E-02	-1.342601E-01	-1.172607E-02	0.0	0.0	0.0
14882	2.882914E-02	-1.327120E-01	-7.469286E-03	0.0	0.0	0.0
14883	2.314619E-02	-1.292652E-01	-1.060973E-03	0.0	0.0	0.0
14884	1.919433E-03	-1.282554E-01	1.959152E-03	0.0	0.0	0.0
14885	-2.061541E-02	-1.291347E-01	5.278202E-03	0.0	0.0	0.0
14886	-3.096575E-02	-1.324440E-01	8.303960E-03	0.0	0.0	0.0
14887	-2.785631E-02	-1.337696E-01	1.468287E-02	0.0	0.0	0.0
14888	-2.418873E-02	-1.348478E-01	1.887953E-02	0.0	0.0	0.0
14889	2.096846E-02	-1.292433E-01	-1.867003E-02	0.0	0.0	0.0
14890	-2.597439E-02	-1.285461E-01	-7.808581E-03	0.0	0.0	0.0
14891	-3.204269E-02	-1.282814E-01	1.459982E-02	0.0	0.0	0.0
14892	-2.909907E-02	-1.284639E-01	1.984789E-02	0.0	0.0	0.0
14893	3.244615E-02	-1.268357E-01	-3.463176E-02	0.0	0.0	0.0
14894	-2.816090E-02	-1.073281E-01	-5.32047E-02	0.0	0.0	0.0
14895	-3.653733E-02	-1.069565E-01	1.587477E-02	0.0	0.0	0.0
14896	-4.171441E-02	-1.067753E-01	2.055616E-02	0.0	0.0	0.0
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18661	G	3.961853E-02	-9.892130E-02	-1.297639E-02	-3.571191E-03	2.766405E-03	-4.067000E-03
18662	G	3.239572E-02	-9.474058E-02	-8.564376E-03	-1.644720E-03	1.735997E-03	3.200668E-03
18663	G	2.181010E-02	-1.007659E-01	-1.736251E-03	-1.079613E-03	1.735997E-03	-2.925732E-03
18664	G	6.005935E-03	-1.024441E-01	2.010606E-03	0.0	0.0	-1.987636E-03
18665	G	6.250344E-03	-1.024078E-01	3.772304E-03	0.0	0.0	-1.663164E-03
18666	G	-1.450464E-02	-1.024166E-01	-5.555988E-03	0.0	0.0	-1.986951E-03
18667	G	-3.302211E-02	-1.007101E-01	8.893933E-03	-1.080275E-03	-4.149939E-04	-2.924415E-03
18668	G	-6.088519E-02	-9.468555E-02	1.564854E-02	-1.825796E-03	-1.815159E-03	-3.201056E-03
18669	G	-4.812651E-02	-9.486950E-02	2.005665E-02	-3.589251E-03	-2.717671E-03	-4.040555E-03
18670	G	3.363709E-02	-8.752757E-02	-1.089225E-02	0.0	0.0	0.0
18683	G	3.049049E-02	-8.785056E-02	-2.727800E-03	-1.079813E-03	7.287043E-04	-2.897977E-03
18685	G	-5.660698E-03	-8.493870E-02	3.758003E-03	0.0	0.0	0.0
18687	G	-6.123430E-02	-8.767922E-02	9.819690E-03	-1.080275E-03	-8.925686E-04	-2.897976E-03
18689	G	-6.396514E-02	-8.767911E-02	1.778639E-02	0.0	0.0	0.0
18693	G	2.938084E-02	-9.464648E-02	-5.366410E-03	0.0	0.0	-7.861478E-04
18698	G	-6.017249E-02	-9.440947E-02	1.188088E-02	0.0	0.0	-7.800702E-04
18741	G	8.687992E-03	-1.038268E-01	-5.356018E-02	-6.317190E-03	-3.578220E-04	-5.361695E-05
18742	G	5.939402E-03	-1.020481E-01	-2.546880E-02	-2.521797E-03	5.940759E-04	-4.363980E-04
18743	G	4.491519E-03	-1.012773E-01	-2.511152E-02	0.0	0.0	-8.782453E-04
18745	G	-6.186366E-03	-1.001076E-01	4.841182E-04	0.0	0.0	-1.590282E-03
18747	G	-1.708845E-02	-1.012713E-01	2.514575E-02	0.0	0.0	-9.346593E-04
18748	G	-1.867643E-02	-1.020351E-01	3.055973E-02	-2.549779E-03	-3.352498E-04	-5.093827E-04
18749	G	-2.185769E-02	-1.037735E-01	5.467248E-02	-6.275735E-03	-2.504249E-03	-4.930743E-04
18751	G	2.641845E-02	-6.249715E-02	-5.353314E-02	-6.935935E-03	2.033396E-03	-2.577081E-03
18752	G	1.065387E-02	-6.675380E-02	-2.979021E-02	-4.866395E-03	9.521306E-04	-1.806640E-03
18758	G	-2.149738E-02	-6.681675E-02	3.085162E-02	-2.536488E-03	-6.808049E-04	-1.304246E-03
18759	G	-3.656924E-02	-6.261283E-02	5.664340E-02	-8.329165E-03	-1.598544E-03	-2.457441E-03
18761	G	3.089660E-02	-5.766625E-02	-5.339492E-02	-6.836443E-03	1.7371761E-03	-2.323760E-03
18762	G	1.326814E-02	-5.908677E-02	-2.996382E-02	-3.139281E-03	1.083998E-03	-2.275799E-03
18763	G	8.604139E-03	-5.976674E-02	-2.378864E-02	0.0	0.0	-2.033855E-03
18765	G	-5.421523E-03	-6.081137E-02	4.858212E-04	0.0	0.0	-1.626158E-03
18767	G	-1.902614E-02	-5.979270E-02	2.876233E-02	0.0	0.0	-1.927530E-03
18768	G	-2.342731E-02	-5.913628E-02	3.102236E-02	-3.143812E-03	-8.056159E-04	-2.139645E-03
18769	G	-9.988399E-02	-5.973044E-02	5.513765E-02	-2.655024E-03	-1.276917E-03	-2.182510E-03
21183	G	2.630746E-02	-1.549889E-02	3.421459E-02	0.0	1.388258E-03	6.921221E-03
21187	G	-3.715444E-02	-1.560392E-02	2.211571E-02	0.0	0.0	-1.092831E-03
21321	G	2.220757E-02	-1.065634E-01	-5.010978E-02	0.0	0.0	0.0
21323	G	1.668406E-02	-1.062279E-01	3.190246E-02	0.0	0.0	0.0
21325	G	-9.272835E-05	-1.060074E-01	-5.861841E-03	0.0	0.0	0.0
21327	G	-1.803090E-02	-1.062930E-01	2.061403E-02	0.0	0.0	0.0
21329	G	-2.497213E-02	-1.067702E-01	4.037354E-02	0.0	0.0	0.0
21341	G	1.128224E-02	-3.056589E-02	-5.521458E-02	-6.436597E-03	1.715566E-03	-5.021933E-04
21343	G	7.272556E-03	-3.127745E-02	3.774502E-02	0.0	1.654291E-03	-9.040432E-04
21345	G	-1.400063E-02	-3.240185E-02	-6.178193E-03	0.0	5.511735E-04	-2.099318E-03
21347	G	-3.009897E-02	-3.137729E-02	2.517259E-02	0.0	-5.519434E-04	-4.156787E-05
21349	G	-2.901679E-02	-3.071366E-02	4.221217E-02	-4.380878E-03	-6.132186E-04	4.571076E-04
21361	G	1.905280E-02	-7.549949E-03	-5.501334E-02	0.0	0.0	0.0
21363	G	1.300268E-02	-8.377735E-03	-3.802370E-02	-3.869620E-04	1.043281E-03	0.0
21364	G	-1.208742E-03	-8.552456E-03	-2.328473E-02	0.0	0.0	0.0
21366	G	-9.546144E-03	-8.508361E-03	1.089350E-02	0.0	0.0	0.0
21367	G	-2.232211E-02	-8.365825E-03	2.559200E-02	-3.922782E-04	0.0	0.0
21369	G	-2.933045E-02	-7.481646E-03	4.257669E-02	0.0	0.0	0.0
21383	G	2.431948E-02	1.961713E-04	-3.704390E-02	-1.268353E-03	1.091719E-03	7.144015E-03
21387	G	-3.714980E-02	7.097433E-03	-2.648205E-02	-1.228999E-03	-1.164801E-03	7.135265E-03
21485	G	0.0	9.884823E-03	-5.824357E-03	-3.192696E-03	0.0	0.0
21487	G	2.027768E-02	-1.286875E-01	-4.201049E-02	0.0	0.0	0.0
21489	G	1.584169E-02	-1.341404E-01	-2.760331E-02	0.0	0.0	0.0
21493	G	-1.337854E-02	-1.341345E-01	2.134309E-02	0.0	0.0	0.0
21499	G	-1.915820E-02	-1.286270E-01	3.376600E-02	0.0	0.0	0.0
21821	G	2.039883E-02	-1.114137E-01	-4.836706E-02	0.0	0.0	0.0
21823	G	1.435237E-02	-1.114383E-01	-3.176621E-02	0.0	0.0	0.0
21825	G	-4.686851E-04	-1.117210E-01	-3.098200E-03	0.0	0.0	0.0
21827	G	-1.618110E-02	-1.116363E-01	2.572666E-02	0.0	0.0	0.0
21829	G	-2.408094E-02	-1.116658E-01	4.116446E-02	0.0	0.0	0.0
22112	G	1.850224E-02	-1.272976E-01	-3.930295E-02	0.0	0.0	0.0
22118	G	-1.832500E-02	-1.273283E-01	3.515066E-02	0.0	0.0	0.0

22701	G	1.423201E-02	-1.312392E-01	-3.765002E-02	0.0	0.0	0.0
22702	G	1.313435E-02	-1.431760E-01	-2.225048E-02	0.0	0.0	0.0
22703	G	-1.119369E-02	-1.428994E-01	2.505076E-02	0.0	0.0	0.0
22704	G	-1.123130E-02	-1.372289E-01	3.559930E-02	0.0	0.0	0.0
22705	G	1.783110E-02	-1.205833E-01	-8.313061E-02	0.0	0.0	0.0
22706	G	1.201458E-02	-1.210877E-01	-2.948575E-02	0.0	0.0	0.0
22707	G	-8.620070E-04	-1.212686E-01	-8.167119E-04	0.0	0.0	0.0
22708	G	-1.505679E-02	-1.210148E-01	2.738634E-02	0.0	0.0	0.0
22709	G	-2.041679E-02	-1.203638E-01	4.173942E-02	0.0	0.0	0.0
22710	G	-4.673235E-03	-9.901446E-02	-1.643206E-03	0.0	0.0	0.0
22711	G	3.981395E-03	-1.513363E-01	-2.706249E-02	0.0	0.0	0.0
22712	G	3.623954E-03	-1.564384E-01	-1.722770E-02	0.0	0.0	0.0
22713	G	-2.199423E-03	-1.560487E-01	1.648752E-02	0.0	0.0	0.0
22714	G	-6.303604E-03	-1.510098E-01	3.165943E-02	0.0	0.0	0.0
22715	G	3.128552E-03	-1.340251E-01	-3.638886E-02	0.0	0.0	0.0
22716	G	-7.153826E-04	-1.336959E-01	3.871770E-03	0.0	0.0	0.0
22717	G	-5.958389E-03	-1.338760E-01	4.028431E-02	0.0	0.0	0.0
22718	G	-5.471949E-03	-1.339496E-02	-3.880818E-02	0.0	0.0	0.0
22719	G	0.0	-8.713210E-02	6.245481E-03	0.0	0.0	0.0
22720	G	-3.433584E-03	-4.591110E-02	6.234568E-02	0.0	0.0	0.0
22721	G	-3.428142E-03	-5.813347E-02	-3.88826E-02	0.0	0.0	0.0
22722	G	-3.667804E-03	-5.649898E-02	9.605486E-03	0.0	0.0	0.0
22723	G	-7.781245E-03	-5.626826E-02	4.188452E-02	0.0	0.0	0.0
22724	G	-1.343003E-03	-1.473225E-01	-1.397562E-02	0.0	0.0	0.0
22725	G	-1.325247E-03	-1.473652E-01	1.692221E-02	0.0	0.0	0.0
22726	G	-7.780652E-03	-1.263577E-01	-2.987346E-02	0.0	0.0	0.0
22727	G	5.104393E-05	-1.267319E-01	4.434261E-03	0.0	0.0	0.0
22728	G	5.637880E-03	-1.264993E-01	3.815294E-02	0.0	0.0	0.0
22729	G	-1.208590E-02	-8.816886E-02	-3.062055E-02	0.0	0.0	0.0
22730	G	0.0	-8.796597E-02	4.255041E-03	0.0	0.0	0.0
22731	G	2.461621E-03	-8.410675E-02	3.875071E-02	0.0	0.0	0.0
22732	G	-1.350777E-03	-5.615966E-02	-3.13267E-02	0.0	0.0	0.0
22733	G	-3.397363E-03	-5.635740E-02	4.203830E-03	0.0	0.0	0.0
22734	G	6.198430E-03	-5.639113E-02	3.914184E-02	0.0	0.0	0.0
22735	G	-2.973731E-03	-7.679385E-02	5.544935E-03	0.0	0.0	0.0
22736	G	-2.334371E-02	-6.77937E-02	-1.764515E-02	0.0	0.0	0.0
22737	G	1.393174E-03	-6.42495E-02	5.49474E-03	0.0	0.0	0.0
22738	G	3.153873E-02	-6.773937E-02	2.881592E-02	0.0	0.0	0.0
22739	G	-1.334847E-02	-4.358174E-02	-2.190699E-02	0.0	0.0	0.0
22740	G	0.0	-4.362025E-02	5.329266E-03	0.0	0.0	0.0
22741	G	1.724650E-02	-4.356784E-02	3.245931E-02	0.0	0.0	0.0
22742	G	-2.809708E-02	-1.929572E-02	-1.860908E-02	0.0	0.0	0.0
22743	G	-2.078374E-03	-1.918219E-02	5.208377E-03	0.0	0.0	0.0
22744	G	2.848894E-02	-1.929572E-02	2.929416E-02	0.0	0.0	0.0
22745	G	2.116910E-03	-4.303746E-02	5.469350E-03	-1.944870E-03	2.302110E-03	0.0
22746	G	2.296088E-03	1.386209E-02	7.343050E-03	-1.546672E-03	5.991690E-05	0.0
22747	G	2.585230E-03	1.07768E-01	7.637132E-03	-8.464500E-04	3.290153E-05	0.0
22748	G	3.056813E-03	2.287148E-01	5.708158E-03	7.76381E-05	1.530241E-04	0.0
22749	G	3.734074E-03	3.720131E-01	8.519175E-04	1.336837E-03	3.116177E-04	0.0
22750	G	-2.451042E-01	5.275210E-01	1.02034E-01	3.946345E-03	5.24307E-04	0.0
22751	G	-1.7481551E-01	5.275210E-01	9.192548E-02	3.689351E-03	5.24307E-04	0.0
22752	G	-7.580464E-02	5.275210E-01	2.78779E-02	3.259139E-03	5.24307E-04	0.0
22753	G	4.684976E-03	5.275450E-01	-7.891245E-03	2.995011E-03	5.24307E-04	0.0
22754	G	8.419138E-02	5.275210E-01	-3.865008E-02	3.330380E-03	5.24307E-04	0.0
22755	G	1.862952E-01	5.275210E-01	-9.17899E-02	3.652454E-03	5.24307E-04	0.0
22756	G	2.963848E-01	5.275210E-01	-1.213268E-01	4.16448E-03	5.24307E-04	0.0
22757	G	5.894978E-03	6.84900E-01	-2.15350E-02	5.084713E-03	7.803550E-04	0.0
22758	G	7.526081E-03	8.282802E-01	-4.127601E-02	8.021094E-03	1.107974E-03	0.0
22759	G	3.74423E-03	9.840633E-01	-2.288946E-02	9.75942E-03	1.269987E-03	0.0
22760	G	9.607855E-03	9.840633E-01	-8.832457E-02	2.24281E-02	1.472880E-03	0.0
22761	G	3.340072E-02	7.508049E-01	-2.24495E-02	1.19561E-02	1.542598E-03	0.0
22762	G	4.682304E-02	5.715665E-01	-1.360430E-01	4.251323E-02	1.609008E-03	0.0
22763	G	6.10046E-02	3.198182E-01	-1.23155E-01	2.607169E-02	1.644124E-03	0.0
22764	G	7.557201E-02	6.544626E-02	-1.350630E-01	2.932544E-02	1.703079E-03	0.0
22765	G	4.051454E-02	-2.451651E-01	-1.500673E-01	3.242701E-02	1.739726E-03	0.0
22766	G	1.060819E-01	-5.685117E-01	-1.540440E-01	3.368929E-02	1.759510E-03	0.0



71924	-1.472097E-02	-1.156154E-01	6.329376E-02	-7.742424E-02	-3.064795E-03	6.509773E-03
71934	-2.654137E-02	-2.036473E-02	5.933469E-02	-1.455474E-02	-6.201067E-04	1.464670E-03
71935	-2.937976E-02	-3.937976E-02	5.933469E-02	-1.455474E-02	-6.201067E-04	5.892178E-04
71936	-2.717043E-02	-3.56808E-02	5.933469E-02	0.0	0.0	9.804506E-03
72211	-3.510282E-02	-7.149279E-02	5.098132E-02	0.0	0.0	0.0
72217	-2.920317E-02	-9.245253E-02	5.042279E-02	-8.651953E-03	-4.813436E-03	6.849673E-03
72218	-6.058210E-03	-1.358030E-01	5.152365E-02	-1.025217E-02	-4.206143E-03	5.569763E-03
72219	-1.164718E-03	-1.563659E-01	5.151918E-02	0.0	0.0	0.0
72221	-2.633041E-02	-2.991243E-02	6.652746E-02	-1.415443E-02	-1.108862E-03	5.947700E-03
72226	-1.455826E-02	-5.63210E-02	6.652254E-02	-9.521745E-03	-4.730278E-03	6.897616E-03
72226	-2.913767E-03	-1.013784E-01	8.666900E-02	-9.542916E-03	-2.080513E-03	6.675024E-03
72229	2.847529E-03	-1.195258E-01	8.653135E-02	-1.155524E-02	-4.311118E-03	6.460140E-03
72231	-3.173496E-03	-4.653267E-03	1.205840E-01	-1.741067E-02	-1.672430E-03	6.866149E-03
72239	-1.076417E-03	-3.794125E-02	1.203113E-01	-2.231501E-02	-1.539300E-03	4.177826E-03
72811	-1.067423E-03	-6.362379E-02	1.118557E-01	0.0	0.0	0.0
72814	3.114421E-02	-1.414403E-01	1.128096E-01	0.0	0.0	0.0
72821	7.036228E-03	-2.070815E-02	1.503276E-01	0.0	0.0	0.0
72824	3.784431E-02	-1.100470E-01	1.501340E-01	0.0	0.0	0.0
72831	3.139192E-02	-2.620834E-03	1.997755E-01	0.0	0.0	0.0
72839	3.816687E-02	-2.536539E-02	1.998886E-01	0.0	0.0	0.0
73411	3.133839E-02	-5.163294E-02	1.737728E-01	0.0	0.0	0.0
73419	6.706920E-02	-1.337875E-01	1.738436E-01	0.0	0.0	0.0
73421	4.076029E-02	-1.082999E-02	2.162466E-01	0.0	0.0	0.0
73429	7.449592E-02	-9.973776E-02	2.164811E-01	0.0	0.0	0.0
73431	6.750876E-02	-1.043034E-02	2.738911E-01	0.0	0.0	0.0
73439	7.576793E-02	-1.628419E-02	2.739947E-01	0.0	0.0	0.0
74211	8.236068E-02	-3.500897E-02	2.732890E-01	0.0	0.0	0.0
74219	1.204166E-01	-1.163607E-01	2.731527E-01	0.0	0.0	0.0
74221	9.352242E-02	-4.133590E-03	3.212990E-01	0.0	0.0	0.0
74225	3.220152E-01	-6.367676E-02	3.215471E-01	-1.176076E-02	-5.361761E-03	3.641463E-03
74231	1.212727E-01	-2.335643E-02	3.839436E-01	0.0	0.0	0.0
74239	1.317622E-01	-3.508966E-03	3.80297E-01	0.0	0.0	0.0
75011	1.371583E-01	-1.704048E-02	3.833166E-01	0.0	0.0	0.0
75019	1.754403E-01	-9.346741E-02	3.832115E-01	0.0	0.0	0.0
75021	1.498950E-01	-1.960640E-02	4.370273E-01	0.0	0.0	0.0
75029	1.676252E-01	-6.595349E-02	4.368726E-01	0.0	0.0	0.0
75031	1.781743E-01	-3.705425E-02	5.019948E-01	0.0	0.0	0.0
75039	1.891098E-01	9.071577E-03	5.020478E-01	0.0	0.0	0.0
75911	1.953704E-01	-4.221350E-03	5.031541E-01	0.0	0.0	0.0
75919	2.322293E-01	-7.327783E-02	5.063466E-01	0.0	0.0	0.0
75921	2.111567E-01	3.248951E-02	5.655200E-01	0.0	0.0	0.0
75929	2.482754E-01	-4.437175E-02	5.667242E-01	-1.397471E-02	-7.172834E-03	3.307437E-03
75931	2.379768E-01	5.355082E-02	6.292322E-01	0.0	0.0	0.0
75939	2.496107E-01	-2.245966E-02	6.292398E-01	0.0	0.0	0.0
12400	-9.768031E-04	-7.222050E-02	6.49752E-02	-2.407596E-03	8.247643E-04	1.399995E-03
12467	-6.951194E-03	-5.231224E-02	3.566999E-02	0.0	0.0	0.0
12487	8.768874E-03	-6.849623E-02	4.108361E-02	0.0	0.0	0.0
124800	-9.768031E-04	-3.876066E-02	6.69936E-03	-2.407596E-03	8.247643E-04	1.399995E-03
125063	-3.475304E-03	-5.613387E-02	-2.933079E-02	0.0	0.0	0.0
125065	-4.154637E-03	-5.649898E-02	1.346502E-02	0.0	0.0	0.0
125067	-6.970745E-03	-5.626826E-02	4.188452E-02	0.0	0.0	0.0
125181	-2.209766E-02	-4.469514E-02	-2.596769E-02	0.0	0.0	0.0
125387	1.083693E-02	-4.469514E-02	3.051942E-02	0.0	0.0	0.0
12603	-1.022582E-02	-5.615966E-02	-1.949308E-02	0.0	0.0	0.0
126867	3.063665E-03	-5.639113E-02	-2.780058E-02	-2.407596E-03	8.247643E-04	1.399995E-03
127000	-4.768053E-04	-4.040793E-03	-1.396353E-02	1.763851E-04	1.283465E-04	1.283465E-04
129077	-8.216781E-03	-7.670561E-02	3.230724E-02	1.763851E-04	1.283465E-04	1.283465E-04
129077	-5.040210E-03	-7.670561E-02	-2.899078E-02	2.476618E-03	1.763851E-04	1.283465E-04
220070	-7.923732E-03	-5.666538E-02	-1.153488E-03	2.476618E-03	1.763851E-04	1.283465E-04
220078	-6.626498E-03	-7.541341E-02	-1.153488E-03	2.476618E-03	1.763851E-04	1.283465E-04
220079	-6.348414E-03	-7.938440E-02	1.546621E-04	2.476618E-03	1.763851E-04	1.283465E-04
220086	-5.342630E-03	-1.016761E-01	1.573735E-04	2.476618E-03	1.763851E-04	1.283465E-04
220087	-5.127497E-03	-9.7056319E-02	-1.157373E-04	2.476618E-03	1.763851E-04	1.283465E-04
220095	-3.550619E-04	-1.273935E-01	-1.160721E-04	2.476618E-03	1.763851E-04	1.283465E-04
220096	-3.657681E-03	-1.197166E-01	-1.160721E-04	2.476618E-03	1.763851E-04	1.283465E-04
220121	-2.715149E-03	-1.332494E-04	-1.160721E-04	2.476618E-03	1.763851E-04	1.283465E-04

200106	G	-2.048107E-03	-1.111505E-01	-1.166968E-04	2.505775E-04	1.557471E-04	1.283465E-04
200114	G	-1.371891E-03	-1.332271E-01	-1.173089E-04	-1.222144E-03	7.300636E-03	1.283465E-04
200121	G	-9.471061E-04	-1.203108E-01	-1.178455E-04	-2.577681E-03	5.374869E-03	1.283465E-04
200124	G	-6.161191E-04	-9.557575E-01	-1.184566E-04	-3.671416E-03	3.161855E-03	1.283465E-04
200137	G	-6.213334E-04	-6.243427E-01	-1.184566E-04	-4.543416E-03	1.802585E-03	1.283465E-04
200135	G	-3.130282E-04	-2.378264E-01	-1.184566E-04	-5.070314E-03	9.964393E-06	1.283465E-04
200153	G	-2.490515E-04	-1.643155E-01	-1.184566E-04	-5.238377E-03	7.384444E-06	1.283465E-04
200155	G	-2.327319E-04	-2.600927E-01	-1.184566E-04	-5.238377E-03	7.384444E-06	1.283465E-04
211001	G	-2.940763E-01	-8.012474E-01	8.996666E-01	-4.781128E-02	4.497052E-03	1.434090E-03
211002	G	-2.809887E-01	-7.961598E-01	-8.804585E-01	-4.824734E-02	3.838959E-03	1.197664E-03
211073	G	-8.216783E-03	-7.190916E-02	2.866557E-02	2.476618E-03	1.763851E-04	1.283465E-04
211077	G	-5.040210E-03	-7.190916E-02	-1.281074E-02	2.476618E-03	1.763851E-04	1.283465E-04
214075	G	-6.628498E-03	-7.155237E-02	-2.672932E-03	2.476618E-03	1.763851E-04	1.283465E-04
214901	G	-2.940760E-01	-7.447013E-01	-7.233422E-01	-4.781128E-02	4.497052E-03	1.434090E-03
214902	G	-2.809887E-01	-7.889359E-01	-7.250884E-01	-4.824734E-02	3.838959E-03	1.197664E-03
215101	G	-1.706079E-01	-6.969756E-02	2.265520E-01	-3.163944E-02	5.859831E-03	-0.006639E-03
215102	G	-1.740431E-01	6.976777E-02	-2.327527E-01	-3.163944E-02	-4.800215E-03	-3.892141E-03
215201	G	-7.390726E-02	1.497807E-01	-7.155007E-02	-3.639114E-03	3.081477E-03	-5.696099E-03
215202	G	8.387220E-02	1.498778E-01	6.450826E-02	-3.611193E-03	-1.979904E-03	-5.608857E-03
222001	G	-2.925231E-01	-5.999530E-01	4.779828E-01	-2.611177E-02	6.866225E-03	-9.808594E-04
222002	G	2.794564E-01	-6.304101E-01	-5.105220E-01	-2.953916E-02	-6.489545E-03	-1.190636E-03
222201	G	-1.045306E-01	-1.793702E-01	2.067623E-01	-1.574618E-02	7.678147E-03	-6.215073E-03
222202	G	1.003779E-01	-1.841171E-01	-2.251946E-01	-1.694544E-02	-7.117432E-03	-4.122944E-03
222301	G	-1.832500E-02	-1.273283E-01	3.515006E-02	-5.375054E-03	3.516647E-03	-2.368170E-03
222302	G	1.850224E-02	-1.272976E-01	-3.930295E-02	-5.976953E-03	-3.340763E-03	-2.296845E-03
223401	G	-2.925231E-02	-6.142245E-01	3.777882E-01	-2.814117E-02	6.866225E-03	-9.808594E-04
223402	G	2.794564E-01	-6.477339E-01	-6.160914E-01	-2.953916E-02	-6.489545E-03	-1.190636E-03
520018	G	1.174385E-01	-5.685124E-01	-9.844524E-02	3.364614E-02	1.759510E-03	-6.294705E-03
520024	G	1.213416E-01	-5.685124E-01	-7.758504E-02	3.364614E-02	1.759510E-03	-6.294705E-03
520057	G	1.423883E-01	-5.685238E-01	3.317181E-02	3.444475E-02	1.759510E-03	-6.776728E-03
520065	G	1.476604E-01	-5.685264E-01	5.935657E-02	3.501071E-02	1.759510E-03	-7.110521E-03
520068	G	1.503230E-01	-5.685276E-01	7.256424E-02	3.530582E-02	1.759510E-03	-7.285379E-03
520079	G	1.584589E-01	-5.685311E-01	1.111470E-01	3.612297E-02	1.759510E-03	-7.768020E-03
520135	G	2.091513E-01	-5.687342E-01	3.250396E-01	3.984223E-02	1.759510E-03	-9.936925E-03
520139	G	2.132387E-01	-5.687512E-01	3.413987E-01	3.995133E-02	1.759510E-03	-9.997416E-03
520152	G	2.264023E-01	-5.687512E-01	3.938578E-01	4.009200E-02	1.759510E-03	-1.007414E-02
520165	G	2.596267E-01	-5.688047E-01	5.260805E-01	4.009200E-02	1.759510E-03	-1.007414E-02

# AM-1G THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 1 BASIC 4-TISSON WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
EIGENVALUE # 7.160075E-04

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
1331	G	-8.682422E-03	1.772214E-04	3.941844E-02	0.0	0.0	0.0
1339	G	-8.709989E-03	1.036138E-04	3.994521E-02	0.0	0.0	0.0
1341	G	-8.649911E-03	3.115484E-04	3.955378E-02	0.0	0.0	0.0
1349	G	-5.023099E-03	3.002970E-04	3.995680E-02	0.0	0.0	0.0
4631	G	-8.653853E-03	8.449733E-05	3.213564E-02	0.0	0.0	0.0
4633	G	-1.0347768E-02	-5.619164E-05	3.223944E-02	0.0	0.0	0.0
4637	G	-1.0342288E-02	-3.606559E-05	3.296805E-02	0.0	0.0	0.0
4639	G	-8.739907E-03	1.199594E-04	3.305438E-02	0.0	0.0	0.0
4641	G	-4.739915E-03	3.647649E-04	3.212090E-02	0.0	0.0	0.0
4649	G	-5.051889E-03	4.385782E-04	3.311339E-02	0.0	0.0	0.0
4661	G	-6.951602E-04	7.037723E-04	3.223934E-02	0.0	0.0	0.0
4669	G	-6.608965E-04	7.419134E-04	3.302266E-02	0.0	0.0	0.0
6123	G	-1.341944E-02	-2.677319E-04	2.328450E-02	0.0	0.0	0.0
6127	G	-1.353193E-02	-2.344495E-04	2.399397E-02	0.0	0.0	0.0
6131	G	-1.035057E-02	-1.231391E-04	2.323779E-02	0.0	0.0	0.0
6133	G	-1.031709E-02	-1.081677E-04	2.327481E-02	0.0	0.0	0.0
6137	G	-1.033110E-02	-4.500263E-05	2.397724E-02	0.0	0.0	0.0
6139	G	-1.039194E-02	-2.772044E-05	2.428358E-02	0.0	0.0	0.0
6141	G	-6.276562E-02	-1.761800E-04	2.321612E-02	0.0	0.0	0.0
6143	G	-6.185744E-03	-1.778559E-04	2.329747E-02	0.0	0.0	0.0
6147	G	-6.419960E-03	3.538773E-04	2.398689E-02	0.0	0.0	0.0
6149	G	-3.380197E-03	8.531844E-04	2.434350E-02	0.0	0.0	0.0
6161	G	-3.542505E-03	-1.233044E-04	2.311571E-02	0.0	0.0	0.0
6163	G	-3.364035E-03	-1.271174E-04	2.331183E-02	0.0	0.0	0.0
6167	G	-3.657220E-03	1.360846E-03	2.401873E-02	0.0	0.0	0.0
6169	G	-3.402064E-03	1.179145E-03	2.428658E-02	0.0	0.0	0.0
6171	G	2.070193E-03	4.279657E-04	2.769334E-02	0.0	0.0	0.0
6174	G	1.494597E-04	4.447133E-04	3.353516E-02	0.0	0.0	0.0
7031	G	-1.026562E-02	-7.721237E-05	3.0	0.0	0.0	0.0
7033	G	-1.026731E-02	-7.262091E-05	1.937506E-02	0.0	0.0	0.0
7037	G	-1.029117E-02	-9.282051E-05	1.931836E-02	0.0	0.0	0.0
7039	G	-1.029624E-02	-1.072103E-04	3.0	0.0	0.0	0.0
7043	G	-6.038874E-03	3.0	1.824662E-02	0.0	0.0	0.0
7047	G	-3.320972E-03	3.0	1.918643E-02	0.0	0.0	0.0
7061	G	-3.248469E-03	-6.232399E-04	1.477698E-02	0.0	0.0	0.0
7063	G	-2.951169E-03	-6.232413E-04	1.819332E-02	0.0	0.0	0.0
7067	G	-3.234650E-03	2.226872E-03	1.913457E-02	0.0	0.0	0.0
7069	G	-3.431755E-03	2.217707E-03	1.613675E-02	0.0	0.0	0.0
7371	G	6.284399E-04	3.0	1.496468E-02	0.0	0.0	0.0
7379	G	5.748449E-04	3.0	1.644996E-02	0.0	0.0	0.0
7395	G	-1.949555E-02	-8.314888E-04	1.595247E-02	0.0	0.0	0.0
8320	G	4.804127E-03	1.064510E-03	1.139708E-02	0.0	0.0	0.0
8331	G	-9.940222E-03	-4.513869E-05	3.0	0.0	0.0	0.0
8333	G	-1.026731E-02	-1.026488E-04	9.482566E-03	0.0	0.0	0.0
8337	G	-1.028117E-02	-1.026488E-04	1.042337E-02	0.0	0.0	0.0
8339	G	-9.981260E-03	-1.237167E-04	3.0	0.0	0.0	0.0
8343	G	-5.861297E-03	3.0	7.555522E-03	0.0	0.0	0.0
8351	G	-6.126579E-03	3.0	1.047095E-02	0.0	0.0	0.0
8353	G	-3.407924E-03	-2.192231E-04	7.161289E-03	0.0	0.0	0.0
8357	G	-2.659022E-03	-2.243066E-04	7.572133E-03	0.0	0.0	0.0
8359	G	-2.939497E-03	1.797464E-03	1.048866E-02	0.0	0.0	0.0
8371	G	-3.695300E-03	1.797469E-03	9.620825E-03	0.0	0.0	0.0
8474	G	-3.976068E-04	3.0	7.380717E-03	0.0	0.0	0.0
9403	G	-5.227395E-04	3.0	8.978169E-03	0.0	0.0	0.0
9407	G	-1.831829E-03	-1.127950E-03	4.694478E-03	0.0	0.0	0.0
9477	G	-1.573410E-03	-1.123373E-03	5.532246E-03	0.0	0.0	0.0

9313	-1.862281E-04	-9.173235E-04	4.695237E-03	0.0	0.0
9317	-9.318536E-05	-8.995458E-04	5.534423E-03	0.0	0.0
9331	-7.601024E-04	-1.823110E-04	4.125105E-03	0.0	0.0
9331	-9.951372E-04	-1.632167E-04	4.743524E-03	0.0	0.0
9337	-1.000043E-02	-6.036951E-05	5.640756E-03	0.0	0.0
9339	-6.656191E-03	-2.964091E-05	5.647775E-03	0.0	0.0
9341	0.0	4.290761E-04	1.439322E-03	0.0	0.0
9343	-5.749089E-03	4.196542E-04	3.611097E-03	0.0	0.0
9347	-5.908744E-03	4.851248E-04	4.539847E-03	0.0	0.0
9349	0.0	5.123871E-04	2.622879E-03	0.0	0.0
9361	-3.919493E-03	7.672328E-04	2.443186E-03	0.0	0.0
9363	-2.917375E-03	7.568854E-04	2.855849E-03	0.0	0.0
9367	-3.139217E-03	7.158248E-04	3.779419E-03	0.0	0.0
9369	-4.259896E-03	7.328172E-04	3.941976E-03	0.0	0.0
9371	-1.716098E-03	1.151111E-03	1.829862E-03	0.0	0.0
9373	0.0	1.089387E-03	1.964025E-03	0.0	0.0
9377	-2.030746E-03	8.239471E-04	2.808752E-03	0.0	0.0
9379	-3.191941E-03	7.523792E-04	3.305983E-03	0.0	0.0
9390	-1.482956E-04	-6.774606E-04	0.0	0.0	0.0
9393	-3.021740E-05	-6.774606E-04	0.0	0.0	0.0
9393	-8.015152E-03	-3.347153E-04	0.0	0.0	0.0
9393	-8.174369E-03	-2.942013E-04	0.0	0.0	0.0
9397	-8.236311E-03	2.856533E-06	-4.115246E-03	0.0	0.0
9399	-8.097574E-03	4.191743E-05	0.0	0.0	0.0
9403	-5.630299E-03	2.133987E-04	-4.902005E-03	0.0	0.0
9407	-5.679920E-03	2.133987E-04	-4.100800E-03	0.0	0.0
9407	-4.314035E-03	1.64201E-03	-5.495045E-03	0.0	0.0
9407	-3.705195E-03	1.669558E-03	-4.888244E-03	0.0	0.0
9407	-3.788094E-03	-6.541156E-04	-4.082639E-03	0.0	0.0
9407	-4.636250E-03	-6.490555E-04	-4.251398E-03	0.0	0.0
9407	-2.881157E-03	0.0	-4.633129E-03	0.0	0.0
9407	-2.936411E-03	0.0	-3.318746E-03	0.0	0.0
9407	-3.059968E-03	-6.700923E-04	-2.870661E-03	0.0	0.0
9407	-9.990904E-03	1.343471E-04	-1.106341E-02	0.0	0.0
9407	-4.947237E-04	-3.823635E-04	-9.987151E-03	0.0	0.0
9407	-6.094354E-05	-3.823635E-04	-1.0051E-02	0.0	0.0
9407	1.048934E-04	-3.823635E-04	-9.895131E-03	0.0	0.0
9407	-2.467846E-04	-3.543873E-04	-9.723514E-03	0.0	0.0
9407	-2.077865E-03	-3.698098E-04	-9.455557E-03	0.0	0.0
9407	-2.271992E-03	-3.293713E-04	-1.000082E-02	0.0	0.0
9407	-2.194941E-03	-2.361044E-04	-9.805346E-03	0.0	0.0
9407	-1.836188E-03	-1.917298E-04	-9.656739E-03	0.0	0.0
9407	-6.658647E-03	-2.975230E-04	-9.781927E-03	0.0	0.0
9407	-5.646151E-03	-2.509133E-04	-9.667795E-03	0.0	0.0
9407	-5.734239E-03	-1.084517E-04	-9.425409E-03	0.0	0.0
9407	-6.712202E-03	-7.955822E-05	-9.560104E-03	0.0	0.0
9407	0.0	1.157131E-04	-9.531979E-03	0.0	0.0
9407	-5.587945E-03	4.976864E-03	-9.408857E-03	0.0	0.0
9407	-5.536057E-03	5.154278E-05	-9.179279E-03	0.0	0.0
9407	-5.503189E-03	-3.336184E-04	-8.975148E-03	0.0	0.0
9407	0.0	-2.843356E-04	-6.448716E-03	0.0	0.0
9407	-4.677934E-03	6.165283E-04	-9.359463E-03	0.0	0.0
9407	-5.073784E-03	6.238820E-04	-9.296324E-03	0.0	0.0
9407	-4.691690E-03	6.514615E-04	-8.528758E-03	0.0	0.0
9407	-4.747692E-03	-6.393737E-04	-8.548457E-03	0.0	0.0
9407	-4.936952E-03	0.0	-9.287097E-03	0.0	0.0
9407	-6.311420E-03	0.0	-6.227549E-03	0.0	0.0
9407	-4.947237E-04	-2.107650E-05	-8.162089E-03	0.0	0.0
9407	-1.236704E-05	-2.647263E-05	-8.136887E-03	0.0	0.0
9407	1.214440E-04	-5.612655E-04	-7.945307E-03	0.0	0.0
9407	-2.467846E-04	-5.507981E-04	-7.845795E-03	0.0	0.0
9407	-2.093961E-03	7.718725E-04	-4.176185E-03	0.0	0.0
9407	-2.173207E-03	9.049094E-04	-4.136887E-03	0.0	0.0
9407	-2.089071E-03	-4.650637E-04	-7.945107E-03	0.0	0.0
9407	-1.853588E-03	-4.424679E-04	-7.844947E-03	0.0	0.0



14831	-0.42	0.04E-03	2.000209E-04	-8.143381E-03	0.0	0.0	0.0	0.0	0.0
14832	-8.91818E-03	1.431500E-04	-1.47135E-03	-8.147135E-03	0.0	0.0	0.0	0.0	0.0
14833	-6.975978E-03	-6.119547E-04	-7.950467E-03	-7.950467E-03	0.0	0.0	0.0	0.0	0.0
14834	-6.455253E-03	9.702099E-04	-7.846672E-03	-7.846672E-03	0.0	0.0	0.0	0.0	0.0
14835	0.0	1.028066E-04	-8.214192E-03	-8.214192E-03	0.0	0.0	0.0	0.0	0.0
14836	-5.53028E-03	8.349391E-05	-8.232313E-03	-8.232313E-03	0.0	0.0	0.0	0.0	0.0
14837	-5.541590E-03	-1.493379E-04	-8.046466E-03	-8.046466E-03	0.0	0.0	0.0	0.0	0.0
14838	0.0	-1.765089E-04	-7.859834E-03	-7.859834E-03	0.0	0.0	0.0	0.0	0.0
14839	-9.64024E-03	7.467949E-05	-8.242449E-03	-8.242449E-03	0.0	0.0	0.0	0.0	0.0
14840	-5.439966E-03	7.123991E-05	-8.26478E-03	-8.26478E-03	0.0	0.0	0.0	0.0	0.0
14841	-5.505234E-03	-2.512401E-05	-8.073230E-03	-8.073230E-03	0.0	0.0	0.0	0.0	0.0
14842	-5.13232E-03	-2.792793E-05	-7.669422E-03	-7.669422E-03	0.0	0.0	0.0	0.0	0.0
14843	-7.328235E-03	2.232473E-04	-7.313598E-03	-7.313598E-03	0.0	0.0	0.0	0.0	0.0
14844	-9.613972E-03	1.907010E-04	-7.316640E-03	-7.316640E-03	0.0	0.0	0.0	0.0	0.0
14845	-5.73402E-03	8.176286E-05	-6.654141E-03	-6.654141E-03	0.0	0.0	0.0	0.0	0.0
14846	-7.469859E-03	3.829571E-05	-6.969681E-03	-6.969681E-03	0.0	0.0	0.0	0.0	0.0
14847	-5.72302E-04	-8.189748E-05	-7.198324E-03	-7.198324E-03	0.0	0.0	0.0	0.0	0.0
14848	-5.67275E-04	-3.668605E-04	-6.926551E-03	-6.926551E-03	0.0	0.0	0.0	0.0	0.0
14849	-5.666346E-04	-1.530694E-04	-6.170538E-03	-6.170538E-03	0.0	0.0	0.0	0.0	0.0
14850	-1.236779E-05	-1.631483E-04	-6.229434E-03	-6.229434E-03	0.0	0.0	0.0	0.0	0.0
14851	1.214440E-04	-2.586092E-04	-5.998911E-03	-5.998911E-03	0.0	0.0	0.0	0.0	0.0
14852	-3.71703E-04	-2.127422E-04	-5.542222E-03	-5.542222E-03	0.0	0.0	0.0	0.0	0.0
14853	-2.13010E-03	-1.222221E-04	-6.168307E-03	-6.168307E-03	0.0	0.0	0.0	0.0	0.0
14854	-2.14532E-03	-1.276266E-04	-6.236244E-03	-6.236244E-03	0.0	0.0	0.0	0.0	0.0
14855	-2.168171E-03	-1.371335E-04	-6.139783E-03	-6.139783E-03	0.0	0.0	0.0	0.0	0.0
14856	-2.025174E-03	-1.444073E-04	-5.974374E-03	-5.974374E-03	0.0	0.0	0.0	0.0	0.0
14857	-1.899434E-03	-1.501948E-04	-5.821584E-03	-5.821584E-03	0.0	0.0	0.0	0.0	0.0
14858	-6.218946E-03	0.0	-6.403435E-03	-6.403435E-03	0.0	0.0	0.0	0.0	0.0
14859	-6.205775E-03	0.0	-6.127156E-03	-6.127156E-03	0.0	0.0	0.0	0.0	0.0
14860	-8.173477E-03	1.256646E-04	-5.199264E-03	-5.199264E-03	0.0	0.0	0.0	0.0	0.0
14861	-9.513244E-03	1.350310E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14862	-8.712074E-03	6.039544E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14863	-9.35020E-03	3.090270E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14864	-9.34334E-03	3.363766E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14865	-9.37204E-03	2.301829E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14866	-9.039825E-04	2.774260E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14867	-6.84333E-04	3.155686E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14868	-6.029904E-04	3.93210E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14869	-7.658177E-04	5.782314E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14870	-2.031856E-03	6.22541E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14871	-2.042354E-03	7.309915E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14872	-2.043514E-03	6.722330E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14873	-1.995432E-03	6.812599E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14874	-1.866102E-03	7.521643E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14875	-3.19832E-03	2.371393E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14876	0.0	1.711622E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14877	0.0	4.13141E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14878	0.0	-9.208567E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14879	-3.095374E-03	-1.440724E-04	5.268738E-04	5.268738E-04	0.0	0.0	0.0	0.0	0.0
14880	-3.212512E-03	5.525155E-04	5.733376E-04	5.733376E-04	0.0	0.0	0.0	0.0	0.0
14881	-6.275943E-03	5.069710E-04	4.527476E-04	4.527476E-04	0.0	0.0	0.0	0.0	0.0
14882	-5.980874E-03	4.43542E-04	3.026673E-04	3.026673E-04	0.0	0.0	0.0	0.0	0.0
14883	-8.272067E-03	2.130490E-04	1.665332E-04	1.665332E-04	0.0	0.0	0.0	0.0	0.0
14884	-8.905634E-03	1.817148E-05	1.433471E-04	1.433471E-04	0.0	0.0	0.0	0.0	0.0
14885	-8.266728E-03	-1.732997E-04	1.8118660E-04	1.8118660E-04	0.0	0.0	0.0	0.0	0.0
14886	-6.017644E-03	-4.033349E-04	3.297522E-04	3.297522E-04	0.0	0.0	0.0	0.0	0.0
14887	-3.60914E-03	-6.76026E-04	4.752784E-04	4.752784E-04	0.0	0.0	0.0	0.0	0.0
14888	-3.34983E-03	-5.123024E-04	4.976276E-04	4.976276E-04	0.0	0.0	0.0	0.0	0.0
14889	-3.666471E-03	9.34245E-04	5.870315E-04	5.870315E-04	0.0	0.0	0.0	0.0	0.0
14890	-6.023391E-03	3.762126E-04	4.830362E-04	4.830362E-04	0.0	0.0	0.0	0.0	0.0
14891	-3.706091E-03	-3.69731E-04	4.650319E-04	4.650319E-04	0.0	0.0	0.0	0.0	0.0
14892	-3.706091E-03	-3.69731E-04	4.650319E-04	4.650319E-04	0.0	0.0	0.0	0.0	0.0
14893	-6.814022E-03	-7.154866E-04	5.870450E-04	5.870450E-04	0.0	0.0	0.0	0.0	0.0
14894	-5.430114E-03	-2.037331E-04	4.755021E-04	4.755021E-04	0.0	0.0	0.0	0.0	0.0
14895	-5.571779E-03	2.060531E-04	4.755021E-04	4.755021E-04	0.0	0.0	0.0	0.0	0.0
14896	-4.772298E-03	2.203285E-04	5.041382E-04	5.041382E-04	0.0	0.0	0.0	0.0	0.0

18661	G	-5.002283E-03	2.071711E-04	1.145770E-04	-2.135334E-04	-3.782143E-04
18662	G	-5.804218E-03	3.014134E-04	3.411703E-05	-2.297965E-04	-4.135496E-04
18663	G	-7.224391E-03	3.234473E-04	2.222988E-06	-2.559868E-04	-6.020298E-04
18664	G	-8.254884E-03	1.711388E-04	0.0	0.0	-2.162239E-04
18665	G	-8.890765E-03	1.707452E-04	0.0	0.0	-6.528466E-06
18666	G	-9.328041E-03	3.519315E-04	-2.037699E-06	-2.542902E-04	2.011156E-04
18667	G	-7.369808E-03	3.191866E-04	-3.342624E-05	-3.938372E-04	3.938372E-04
18668	G	-5.971480E-03	3.616419E-04	-2.307152E-04	4.064848E-04	4.064848E-04
18669	G	-5.180821E-03	5.856689E-04	-1.099871E-04	2.2070750E-04	3.738862E-04
18671	G	-8.930620E-03	5.076334E-04	0.0	0.0	0.0
18681	G	-1.028100E-02	3.753621E-04	-2.229888E-06	-2.485891E-04	-6.589754E-06
18683	G	-5.865859E-03	2.243374E-04	0.0	0.0	0.0
18687	G	-1.039459E-02	3.363097E-04	-2.203769E-06	-2.456771E-04	-6.589754E-06
18689	G	-9.173904E-03	3.732396E-04	0.0	0.0	0.0
18693	G	-1.059334E-02	3.308344E-04	0.0	-7.126426E-05	7.375271E-06
18698	G	-1.070715E-02	2.936404E-04	0.0	-5.931436E-05	-1.685733E-05
18698	G	-1.070715E-02	2.936404E-04	0.0	-1.788837E-04	-2.042794E-04
18741	G	-2.946477E-03	5.852431E-04	1.066341E-04	6.370742E-05	-1.770081E-04
18742	G	-6.342161E-03	3.979264E-04	1.944221E-05	0.0	-1.378787E-04
18743	G	-6.61315E-03	3.285457E-04	0.0	0.0	-5.643257E-06
18745	G	-2.48643E-03	9.234587E-05	1.725873E-05	6.342252E-05	1.25250E-04
18745	G	-7.74123E-03	1.430715E-04	-1.019784E-04	6.814415E-06	1.616075E-04
18748	G	-4.63121E-03	2.18325E-04	-2.37589E-04	-1.754763E-04	1.913246E-04
18749	G	-3.170731E-03	3.978941E-04	1.404393E-04	-1.432861E-04	-6.789593E-06
18751	G	-4.078019E-03	3.49121E-04	2.818047E-03	3.486201E-07	-3.519152E-05
18752	G	-4.274633E-03	1.363842E-04	3.976756E-06	1.744691E-06	2.319555E-05
18756	G	-4.390579E-03	2.897233E-04	-2.049007E-06	-1.403685E-04	-3.38725E-06
18759	G	-4.280869E-03	4.985966E-04	-1.347548E-04	-1.298127E-04	1.717928E-05
18761	G	-4.410110E-03	-2.942516E-04	2.105906E-03	-2.844174E-04	1.626684E-05
18762	G	-4.280914E-03	1.839638E-04	4.944977E-05	3.391993E-05	1.110718E-05
18763	G	-4.251420E-03	1.277327E-04	0.0	0.0	-5.564786E-06
18765	G	-4.229516E-03	3.593521E-05	0.0	0.0	-2.217278E-05
18767	G	-4.339401E-03	2.745225E-04	1.968535E-03	3.471640E-05	-2.728295E-05
18768	G	-4.392855E-03	3.30119E-04	-4.644117E-05	-1.159285E-06	-2.817973E-05
18769	G	-4.636146E-03	4.390199E-04	-1.601632E-05	-1.271360E-04	4.176532E-05
21183	G	-1.144401E-02	2.921387E-04	0.0	-4.180802E-04	-3.098053E-05
21187	G	-1.155115E-02	3.309092E-04	0.0	0.0	0.0
21321	G	-1.923815E-03	1.193049E-05	3.209219E-03	0.0	0.0
21323	G	-2.088242E-03	7.727825E-05	3.631744E-03	0.0	0.0
21325	G	-2.209585E-03	1.872177E-04	3.769079E-03	0.0	0.0
21327	G	-2.117030E-03	3.070279E-04	3.540844E-03	0.0	0.0
21329	G	-2.061606E-03	3.780718E-04	3.083681E-03	0.0	0.0
21341	G	-2.756828E-03	6.197543E-05	1.104732E-05	-1.469997E-04	-8.119388E-05
21343	G	-3.197004E-03	8.949204E-05	0.0	-1.461819E-04	-7.611566E-05
21345	G	-3.749520E-03	2.053112E-04	0.0	-1.314993E-04	-1.595539E-05
21347	G	-3.496708E-03	3.219640E-04	0.0	-1.167366E-04	6.477193E-05
21349	G	-3.105117E-03	3.503726E-04	0.0	0.0	0.0
21361	G	-3.708125E-03	9.819974E-05	1.144109E-06	-1.159188E-04	7.551046E-05
21363	G	-3.506740E-03	1.196378E-04	0.0	0.0	0.0
21364	G	-3.026836E-03	1.196378E-04	2.286077E-05	-6.415243E-04	0.0
21366	G	-3.128461E-03	1.889972E-04	0.0	0.0	0.0
21367	G	-3.623001E-03	2.099972E-04	0.0	0.0	0.0
21369	G	-3.954109E-03	2.435894E-04	0.0	-6.407029E-04	0.0
21383	G	-1.143590E-02	3.844027E-04	0.0	0.0	0.0
21387	G	-1.156311E-02	3.975739E-04	-1.140755E-04	-6.093511E-04	4.088857E-05
21385	G	0.0	1.344381E-05	1.342595E-04	-6.888335E-04	-2.886093E-05
21801	G	-1.627929E-03	1.972508E-04	0.0	0.0	0.0
21803	G	-1.437546E-03	2.154553E-04	0.0	0.0	0.0
21807	G	-1.643498E-03	1.463777E-04	0.0	0.0	0.0
21809	G	-1.678777E-03	1.604042E-04	0.0	0.0	0.0
21821	G	-1.999391E-03	-2.150192E-04	0.0	0.0	0.0
21823	G	-2.093018E-03	3.933672E-05	0.0	0.0	0.0
21825	G	-2.258102E-03	1.701282E-04	0.0	0.0	0.0
21827	G	-2.142108E-03	3.808856E-04	0.0	0.0	0.0
21829	G	-2.123408E-03	5.251711E-04	0.0	0.0	0.0
22312	G	-1.684631E-03	-6.161616E-05	0.0	0.0	0.0
22318	G	-1.745984E-03	3.872723E-04	0.0	0.0	0.0



61912	G	-4.518103E-03	-5.460475E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61913	G	-4.283540E-03	-6.129944E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61914	G	-4.066110E-03	-2.225937E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61916	G	-2.466110E-03	-4.909120E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61917	G	-2.466110E-03	-4.909120E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61918	G	-2.466110E-03	-4.909120E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61922	G	-4.203510E-03	-7.518631E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61923	G	-4.077286E-03	-5.460475E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61924	G	-3.959637E-03	-5.460475E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61926	G	-2.765804E-03	-5.460475E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61927	G	-2.634034E-03	-5.460475E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61928	G	-2.436299E-03	-5.460475E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
6194	G	-2.719959E-03	-5.460475E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61925	G	-2.652622E-03	-5.460475E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
61936	G	-2.522859E-03	-5.460475E-04	7.662322E-04	1.344589E-04	-1.545589E-04	-1.572549E-04	-1.528807E-04
62211	G	-4.234966E-03	-1.544764E-03	1.702473E-03	1.702473E-03	0.0	0.0	0.0
62213	G	-3.913458E-03	-6.87189E-04	1.702473E-03	1.702473E-03	0.0	0.0	0.0
62217	G	-2.618190E-03	7.014605E-04	1.774986E-03	3.717165E-04	-2.343835E-04	-2.343835E-04	-2.343835E-04
62219	G	-2.379895E-03	1.319697E-03	1.774986E-03	3.717165E-04	-2.343835E-04	-2.343835E-04	-2.343835E-04
62241	G	-3.798576E-03	-1.643812E-03	1.690422E-03	5.753903E-04	6.755903E-04	6.755903E-04	6.755903E-04
62226	G	-3.357823E-03	-6.87189E-04	1.690422E-03	5.753903E-04	6.755903E-04	6.755903E-04	6.755903E-04
62226	G	-2.750815E-03	-6.87189E-04	1.690422E-03	5.753903E-04	6.755903E-04	6.755903E-04	6.755903E-04
62231	G	-2.124835E-03	-6.87189E-04	1.690422E-03	5.753903E-04	6.755903E-04	6.755903E-04	6.755903E-04
62231	G	-2.325997E-03	-6.87189E-04	1.690422E-03	5.753903E-04	6.755903E-04	6.755903E-04	6.755903E-04
62231	G	-2.162728E-03	-6.87189E-04	1.690422E-03	5.753903E-04	6.755903E-04	6.755903E-04	6.755903E-04
62811	G	-3.679779E-03	-1.629207E-03	4.091309E-03	0.0	0.0	0.0	0.0
62819	G	-2.026484E-03	1.156898E-03	4.103455E-03	0.0	0.0	0.0	0.0
62821	G	-3.265372E-03	-1.840302E-03	6.022179E-03	0.0	0.0	0.0	0.0
62829	G	-1.693956E-03	1.153992E-03	6.008845E-03	0.0	0.0	0.0	0.0
62831	G	-2.053090E-03	-8.419248E-04	9.554526E-03	0.0	0.0	0.0	0.0
62839	G	-1.700213E-03	4.185955E-05	9.554526E-03	0.0	0.0	0.0	0.0
63411	G	-3.215307E-03	-1.971822E-03	6.456021E-03	0.0	0.0	0.0	0.0
63419	G	-1.541177E-03	1.053659E-03	6.453533E-03	0.0	0.0	0.0	0.0
63421	G	-2.778291E-03	-2.137362E-03	8.389323E-03	0.0	0.0	0.0	0.0
63429	G	-1.240644E-03	9.693324E-04	8.377385E-03	0.0	0.0	0.0	0.0
63431	G	-1.594543E-03	-1.111703E-03	1.094369E-02	0.0	0.0	0.0	0.0
63439	G	-1.270789E-03	-2.286430E-04	1.094713E-02	0.0	0.0	0.0	0.0
64211	G	-2.377059E-03	-2.435143E-03	1.033383E-02	0.0	0.0	0.0	0.0
64219	G	-8.798561E-04	7.655288E-04	1.032391E-02	0.0	0.0	0.0	0.0
64221	G	-1.922836E-03	-2.525425E-03	1.218294E-02	0.0	0.0	0.0	0.0
64229	G	-5.184262E-04	6.194018E-04	1.218741E-02	4.248118E-04	-1.255368E-04	-1.255368E-04	-1.255368E-04
64231	G	-4.893963E-04	-1.508546E-03	1.426931E-02	0.0	0.0	0.0	0.0
64239	G	-4.893963E-04	-1.508546E-03	1.426931E-02	0.0	0.0	0.0	0.0
65011	G	-1.355074E-03	-2.860739E-03	1.469810E-02	0.0	0.0	0.0	0.0
65019	G	-8.587133E-05	2.734605E-04	1.468583E-02	0.0	0.0	0.0	0.0
65021	G	-9.276075E-04	-2.916194E-03	1.462316E-02	0.0	0.0	0.0	0.0
65029	G	-2.925444E-04	-2.242293E-04	1.461948E-02	0.0	0.0	0.0	0.0
65031	G	-1.669324E-05	-1.943721E-03	1.852344E-02	0.0	0.0	0.0	0.0
65039	G	-3.442514E-04	-9.754465E-04	1.852344E-02	0.0	0.0	0.0	0.0
65911	G	-2.033291E-04	-3.200117E-03	1.941329E-02	0.0	0.0	0.0	0.0
65919	G	7.897725E-04	-6.810396E-04	1.941329E-02	0.0	0.0	0.0	0.0
65921	G	2.097435E-04	-3.189226E-03	2.109630E-02	0.0	0.0	0.0	0.0
65929	G	1.197306E-03	-3.520437E-04	2.112582E-02	5.158563E-04	-1.773617E-04	-1.773617E-04	-1.773617E-04
65931	G	9.322041E-04	-2.385963E-03	2.283238E-02	0.0	0.0	0.0	0.0
65939	G	1.251295E-03	-1.415713E-03	2.283238E-02	0.0	0.0	0.0	0.0
71912	G	-4.701618E-03	5.788973E-04	7.785459E-04	-1.304590E-04	-1.304590E-04	-1.304590E-04	-1.304590E-04
71913	G	-4.459765E-03	4.109966E-04	7.785459E-04	-1.304590E-04	-1.304590E-04	-1.304590E-04	-1.304590E-04
71914	G	-4.235577E-03	2.553591E-04	7.785459E-04	-1.304590E-04	-1.304590E-04	-1.304590E-04	-1.304590E-04
71916	G	-3.006915E-03	-4.551957E-04	7.602107E-04	-1.108275E-04	-1.108275E-04	-1.108275E-04	-1.108275E-04
71917	G	-2.818306E-03	-5.661241E-04	7.602107E-04	-1.108275E-04	-1.108275E-04	-1.108275E-04	-1.108275E-04
71918	G	-2.594273E-03	-6.979029E-04	7.602107E-04	-1.108275E-04	-1.108275E-04	-1.108275E-04	-1.108275E-04
71922	G	-4.417516E-03	8.990202E-04	2.628478E-03	-2.278955E-04	-2.278955E-04	-2.278955E-04	-2.278955E-04
71923	G	-4.294325E-03	6.703540E-04	2.628478E-03	-2.278955E-04	-2.278955E-04	-2.278955E-04	-2.278955E-04
71924	G	-4.180931E-03	5.075797E-04	2.628478E-03	-2.278955E-04	-2.278955E-04	-2.278955E-04	-2.278955E-04
71926	G	-3.007279E-03	-4.027993E-04	2.642551E-03	-2.675762E-04	-2.675762E-04	-2.675762E-04	-2.675762E-04
71927	G	-2.678890E-03	-5.847514E-04	2.642551E-03	-2.675762E-04	-2.675762E-04	-2.675762E-04	-2.675762E-04

71424	-2.656307E-03	-6.576774E-04	2.642331E-03	-2.607576E-04	-4.547576E-04	-1.488068E-04	8.546305E-05
71434	-3.055708E-03	6.539176E-04	3.939827E-03	3.939827E-03	-4.547576E-04	-1.488068E-04	8.546305E-05
71435	-2.941157E-03	3.03020E-04	3.939827E-03	3.939827E-03	-4.547576E-04	-1.488068E-04	8.546305E-05
71936	-2.900530E-03	4.24422E-05	3.939827E-03	3.939827E-03	-4.547576E-04	-1.488068E-04	8.546305E-05
72211	-4.353535E-03	6.711911E-04	1.694394E-03	1.694394E-03	0.0	0.0	0.0
72213	-4.353535E-03	6.711911E-04	1.694394E-03	1.694394E-03	0.0	0.0	0.0
72217	-2.741897E-03	7.202240E-04	1.781791E-03	1.781791E-03	-3.573281E-04	-2.427618E-04	2.236613E-05
72219	-7.550605E-03	1.490344E-03	1.781791E-03	1.781791E-03	0.0	0.0	0.0
72221	-3.933236E-03	1.774072E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72224	-3.513446E-03	9.473399E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72226	-2.604538E-03	-4.411138E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72228	-2.332289E-03	1.113623E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72231	-2.739106E-03	1.780296E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72239	-2.341384E-03	7.42744E-05	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72511	-3.723355E-03	1.624377E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72519	-2.142642E-03	1.368555E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72521	-3.425221E-03	2.325641E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72529	-1.822288E-03	9.337827E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72531	-2.185368E-03	1.242845E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72539	-1.879474E-03	3.317063E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
72541	-3.181310E-03	1.975946E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
73419	-1.600921E-03	-9.674530E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
73421	-2.763603E-03	2.293512E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
73429	-1.260904E-03	7.338445E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
73431	-1.620462E-03	1.519483E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
73439	-1.264407E-03	6.535394E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
74211	-2.424966E-03	2.453514E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
74219	-7.844276E-04	-6.377625E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
74231	-2.735555E-03	1.368555E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
74239	-4.324461E-04	1.372733E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
74241	-5.674747E-04	1.979485E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
74249	-4.33820E-04	1.013625E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75011	-1.116172E-03	2.394283E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75019	-1.270713E-04	-1.329213E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75021	-6.976039E-04	3.103884E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75029	-4.990066E-04	4.366794E-05	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75031	5.409359E-04	2.339597E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75039	1.318023E-04	3.253072E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75919	1.118043E-03	5.464418E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75921	5.429368E-04	3.391859E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75929	1.264407E-03	6.535394E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75931	1.264407E-03	6.535394E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
75939	1.264407E-03	6.535394E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
122400	-1.157646E-03	1.787133E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
123467	-2.479491E-03	3.318051E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
124002	-1.157646E-03	1.787133E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
125063	-2.141793E-03	-2.424742E-05	3.939827E-03	3.939827E-03	0.0	0.0	0.0
125065	-2.226178E-03	2.187360E-05	3.939827E-03	3.939827E-03	0.0	0.0	0.0
125067	-2.441265E-03	-2.717362E-05	3.939827E-03	3.939827E-03	0.0	0.0	0.0
125183	-6.039694E-04	7.194138E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
125387	-1.466736E-03	7.194138E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
126663	-1.588520E-03	3.110874E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
126867	-1.930872E-03	-3.437467E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
127200	-1.157646E-03	1.787133E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0
189073	-2.144017E-02	-1.788659E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
190077	-2.152460E-02	1.788659E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
200070	-1.378198E-02	1.230031E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
200078	-2.150438E-02	-1.985529E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
200079	-2.360332E-02	-2.615314E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
200086	-3.609531E-02	-6.749330E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
200097	-3.392621E-02	-5.689440E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
200099	-4.897770E-02	-1.04052E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
200096	-4.659897E-02	-9.435127E-04	3.939827E-03	3.939827E-03	0.0	0.0	0.0
200101	-5.445184E-02	-1.186234E-03	3.939827E-03	3.939827E-03	0.0	0.0	0.0

8-500

PASTIC MISSION PLIGHT CONFIGURATION - 0933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 2.251420E-04

POINT ID.	TYPE	T1	T2	T3	W1	W2	W3
3331	G	-9.067431E-03	-1.497810E-01	-1.291571E-02	0.0	0.0	0.0
3339	G	9.148899E-03	-1.498358E-01	-1.346631E-02	0.0	0.0	0.0
3341	G	-5.821146E-03	-1.501799E-01	-1.243047E-02	0.0	0.0	0.0
3349	G	5.523387E-03	-1.499953E-01	-1.346356E-02	0.0	0.0	0.0
4631	G	-2.107842E-02	-1.256291E-01	-2.452226E-02	0.0	0.0	0.0
4633	G	-1.667363E-02	-1.326819E-01	-1.957337E-02	0.0	0.0	0.0
4637	G	-1.701085E-02	-1.328315E-01	-1.836743E-02	0.0	0.0	0.0
4639	G	-2.116739E-02	-1.255890E-01	-2.298591E-02	0.0	0.0	0.0
4641	G	-2.161524E-02	-1.135410E-01	-2.631337E-02	0.0	0.0	0.0
4649	G	-2.123289E-02	-1.105953E-01	-2.479244E-02	0.0	0.0	0.0
4661	G	-1.458462E-02	-9.378970E-02	-2.036653E-02	0.0	0.0	0.0
4669	G	-1.337462E-02	-9.402192E-02	-1.933371E-02	0.0	0.0	0.0
6123	G	-1.917228E-02	-1.151937E-01	-2.414727E-02	0.0	0.0	0.0
6127	G	-1.979308E-02	-1.153564E-01	-2.357137E-02	0.0	0.0	0.0
6131	G	-2.552988E-02	-1.032116E-01	-3.277864E-02	0.0	0.0	0.0
6133	G	-1.823406E-02	-1.031196E-01	-2.425231E-02	0.0	0.0	0.0
6137	G	-1.647033E-02	-1.032523E-01	-2.363046E-02	0.0	0.0	0.0
6139	G	-2.580440E-02	-1.032729E-01	-3.213131E-02	0.0	0.0	0.0
6141	G	-2.630644E-02	-1.043344E-01	-3.413114E-02	0.0	0.0	0.0
6143	G	-1.633253E-02	-9.494515E-02	-2.455441E-02	0.0	0.0	0.0
6147	G	-1.626749E-02	-9.476327E-02	-2.339124E-02	0.0	0.0	0.0
6149	G	-2.059217E-02	-8.497329E-02	-3.345133E-02	0.0	0.0	0.0
6161	G	-2.652225E-02	-7.247472E-02	-3.448473E-02	0.0	0.0	0.0
6163	G	-1.323642E-02	-7.249439E-02	-2.478890E-02	0.0	0.0	0.0
6167	G	-1.445972E-02	-7.265633E-02	-2.413163E-02	0.0	0.0	0.0
6169	G	-2.374655E-02	-7.261547E-02	-3.423135E-02	0.0	0.0	0.0
6171	G	-1.353552E-02	-7.216759E-02	-2.433627E-02	0.0	0.0	0.0
6179	G	-1.427391E-02	-7.196164E-02	-2.337479E-02	0.0	0.0	0.0
7031	G	-2.746702E-02	-8.532888E-02	0.0	0.0	0.0	0.0
7033	G	-1.748751E-02	-8.529800E-02	-2.663535E-02	0.0	0.0	0.0
7037	G	-1.833242E-02	-8.527600E-02	-2.633334E-02	0.0	0.0	0.0
7039	G	-2.774709E-02	-8.531738E-02	0.0	0.0	0.0	0.0
7043	G	-1.657531E-02	0.0	-2.634790E-02	0.0	0.0	0.0
7047	G	-1.622136E-02	0.0	-2.626312E-02	0.0	0.0	0.0
7061	G	-2.773188E-02	-8.416544E-02	-3.525461E-02	0.0	0.0	0.0
7063	G	-1.563140E-02	-8.416544E-02	-2.677452E-02	0.0	0.0	0.0
7067	G	-1.506932E-02	-8.409722E-02	-2.617321E-02	0.0	0.0	0.0
7069	G	-2.70559E-02	-7.763294E-02	-3.278139E-02	0.0	0.0	0.0
7071	G	-3.662888E-02	0.0	-2.626308E-02	0.0	0.0	0.0
7079	G	3.596554E-02	0.0	-3.557096E-02	0.0	0.0	0.0
7505	G	9.721034E-05	-1.167031E-01	-3.557096E-02	0.0	0.0	0.0
8300	G	2.340344E-04	-2.343245E-03	-3.63924E-05	0.0	0.0	0.0
8531	G	-3.139332E-02	-5.881272E-02	0.0	0.0	0.0	0.0
8533	G	-1.798751E-02	-5.94247E-02	-2.674155E-02	0.0	0.0	0.0
8537	G	-1.840212E-02	-5.946247E-02	-2.652714E-02	0.0	0.0	0.0
8539	G	-1.19266E-02	-7.7486719E-02	0.0	0.0	0.0	0.0
8543	G	-1.693434E-02	0.0	-2.652719E-02	0.0	0.0	0.0
8547	G	-1.61749E-02	0.0	-2.629247E-02	0.0	0.0	0.0
8561	G	-2.666244E-02	-1.111470E-02	-3.577748E-02	0.0	0.0	0.0
8563	G	-1.596801E-02	-1.167070E-02	-2.645490E-02	0.0	0.0	0.0
8567	G	-1.562837E-02	-1.527691E-02	-2.624275E-02	0.0	0.0	0.0
8569	G	-2.433636E-02	-1.627647E-02	-3.683514E-02	0.0	0.0	0.0
8571	G	-1.212494E-02	0.0	-3.232753E-02	0.0	0.0	0.0
8579	G	-3.411033E-02	0.0	-3.023612E-02	0.0	0.0	0.0
9303	G	-2.417211E-02	-9.144536E-02	-2.310317E-02	0.0	0.0	0.0
9307	G	-2.146220E-02	-9.142053E-02	-2.285535E-02	0.0	0.0	0.0

1.814401E-03

7.339570E-06

-2.661434E-03

9313	G	-2.457155E-02	-8.073300E-02	-4.314605E-02	0.0	0.0	0.0
9317	G	-2.174785E-02	-8.061647E-02	-2.295592E-02	0.0	0.0	0.0
9331	G	-3.314991E-02	-4.224061E-02	-2.86124E-02	0.0	0.0	0.0
9333	G	-1.738775E-02	-4.233726E-02	-2.37717E-02	0.0	0.0	0.0
9339	G	1.772040E-02	-4.304966E-02	2.346026E-02	0.0	0.0	0.0
9341	G	3.241329E-02	-4.313122E-02	3.908977E-02	0.0	0.0	0.0
9343	G	0.0	-1.255817E-02	-5.010760E-02	0.0	0.0	0.0
9347	G	-1.625163E-02	-1.211798E-02	-2.348392E-02	0.0	0.0	0.0
9349	G	1.611872E-02	-1.114405E-02	2.379434E-02	0.0	0.0	0.0
9361	G	0.0	-1.091340E-02	4.469328E-02	0.0	0.0	0.0
9363	G	-2.431279E-02	6.442826E-03	-4.295846E-02	0.0	0.0	0.0
9367	G	-1.569224E-02	6.820370E-03	-2.372380E-02	0.0	0.0	0.0
9369	G	1.529540E-02	7.078931E-03	2.395957E-02	0.0	0.0	0.0
9371	G	2.762623E-02	7.057369E-03	4.013282E-02	0.0	0.0	0.0
9373	G	-2.801443E-02	2.308057E-02	-4.220933E-02	0.0	0.0	0.0
9375	G	0.0	2.303303E-02	-2.699703E-02	0.0	0.0	0.0
9379	G	0.0	2.244829E-02	2.699013E-02	0.0	0.0	0.0
11300	G	-2.319284E-02	-8.071095E-03	3.985478E-02	0.0	0.0	0.0
11503	G	-2.196769E-02	-2.774000E-02	-2.979941E-02	0.0	0.0	0.0
11507	G	1.913954E-02	-2.774000E-02	0.0	0.0	0.0	0.0
11531	G	-3.093459E-02	1.664948E-03	0.0	0.0	0.0	0.0
11533	G	-1.594373E-02	1.689719E-03	-1.930122E-02	0.0	0.0	0.0
11537	G	1.559358E-02	1.666369E-03	2.055121E-02	0.0	0.0	0.0
11539	G	3.071710E-02	1.617786E-03	0.0	0.0	0.0	0.0
11543	G	-1.547261E-02	2.215953E-02	-1.929499E-02	0.0	0.0	0.0
11547	G	1.552257E-02	2.215953E-02	2.056946E-02	0.0	0.0	0.0
11561	G	-2.414644E-02	4.255504E-02	-3.299909E-02	0.0	0.0	0.0
11563	G	-1.479252E-02	4.264456E-02	-1.927290E-02	0.0	0.0	0.0
11567	G	1.459726E-02	4.070000E-02	2.055777E-02	0.0	0.0	0.0
11569	G	2.357255E-02	4.061720E-02	3.157904E-02	0.0	0.0	0.0
11571	G	-3.201121E-02	0.0	-2.917822E-02	0.0	0.0	0.0
11579	G	3.051082E-02	0.0	2.783150E-02	0.0	0.0	0.0
11700	G	1.421427E-02	5.993869E-03	2.286225E-02	0.0	0.0	0.0
13500	G	-2.081586E-04	9.413046E-02	-1.010461E-04	0.0	0.0	0.0
13601	G	-2.337762E-02	1.982294E-02	-2.117167E-02	0.0	0.0	0.0
13603	G	-1.732789E-02	1.809010E-02	-1.372756E-02	0.0	0.0	0.0
13607	G	1.449514E-02	1.807368E-02	1.455087E-02	0.0	0.0	0.0
13609	G	2.048468E-02	1.974553E-02	2.237425E-02	0.0	0.0	0.0
13621	G	-2.301202E-02	3.129247E-02	-2.372194E-02	0.0	0.0	0.0
13623	G	-1.430030E-02	3.132362E-02	-1.383546E-02	0.0	0.0	0.0
13627	G	1.231948E-02	3.124028E-02	1.466398E-02	0.0	0.0	0.0
13629	G	2.115797E-02	3.123479E-02	2.513178E-02	0.0	0.0	0.0
13631	G	-2.914317E-02	4.398630E-02	-2.424583E-02	0.0	0.0	0.0
13633	G	-1.434919E-02	4.401931E-02	-1.424411E-02	0.0	0.0	0.0
13637	G	1.364175E-02	4.421815E-02	1.490847E-02	0.0	0.0	0.0
13639	G	2.823969E-02	4.430489E-02	2.436378E-02	0.0	0.0	0.0
13641	G	0.0	5.824363E-02	-2.4482269E-02	0.0	0.0	0.0
13643	G	-1.377985E-02	5.787701E-02	-1.436513E-02	0.0	0.0	0.0
13647	G	1.342764E-02	5.793911E-02	1.493751E-02	0.0	0.0	0.0
13649	G	1.340729E-02	5.328727E-02	1.490922E-02	0.0	0.0	0.0
13651	G	0.0	5.333612E-02	1.564181E-02	0.0	0.0	0.0
13653	G	-1.715403E-02	7.017392E-02	-2.453192E-02	0.0	0.0	0.0
13657	G	1.311551E-02	7.017142E-02	-1.438810E-02	0.0	0.0	0.0
13659	G	1.930403E-02	6.186802E-02	1.456020E-02	0.0	0.0	0.0
13671	G	-1.702704E-02	6.187085E-02	2.414964E-02	0.0	0.0	0.0
13679	G	2.814110E-02	0.0	-2.647026E-02	0.0	0.0	0.0
14801	G	-2.337762E-02	3.558943E-02	-1.761930E-02	0.0	0.0	0.0
14803	G	-1.505468E-02	3.422109E-02	-1.471632E-02	0.0	0.0	0.0
14807	G	1.218471E-02	3.421175E-02	1.456757E-02	0.0	0.0	0.0
14809	G	2.044440E-02	3.558311E-02	2.299924E-02	0.0	0.0	0.0
14821	G	-2.235261E-02	4.702965E-02	-2.533488E-02	0.0	0.0	0.0
14823	G	-1.389911E-02	4.704216E-02	-1.471632E-02	0.0	0.0	0.0
14827	G	1.187870E-02	4.705221E-02	1.456757E-02	0.0	0.0	0.0
14829	G	2.044427E-02	4.703489E-02	2.515648E-02	0.0	0.0	0.0



[illegible]

18661	-1.28794E-02	8.462248E-02	-1.889911E-02	-2.158830E-03	6.183526E-04	5.360048E-04
18662	-1.122968E-02	9.800477E-02	-1.652343E-02	-8.775645E-04	7.601702E-04	1.052651E-03
18663	-7.470291E-03	8.755451E-02	-1.318561E-02	5.56145E-05	9.015973E-04	1.054377E-03
18664	-3.788048E-03	8.686876E-02	-6.284599E-03	0.0	0.0	1.898816E-04
18665	-3.521991E-03	8.673239E-02	-6.143556E-04	0.0	0.0	2.204566E-05
18666	-2.142871E-03	8.701956E-02	5.197462E-03	0.0	0.0	5.743590E-04
18667	5.230563E-03	8.780508E-02	1.263588E-02	6.447349E-02	8.312226E-04	1.793420E-03
18668	1.62620E-02	8.838099E-02	1.619562E-02	-9.419820E-04	6.926507E-04	1.819560E-03
18669	1.680539E-02	8.83303E-02	1.661021E-02	-2.298249E-03	5.536957E-04	1.288818E-03
18670	-6.210037E-03	8.744383E-02	-1.683376E-02	0.0	0.0	0.0
18671	2.154262E-03	8.685380E-02	1.338262E-02	5.85445E-05	5.903943E-04	-2.351042E-04
18672	-6.042109E-04	8.857822E-02	-5.310860E-04	0.0	0.0	0.0
18673	-3.664572E-03	8.711338E-02	1.288430E-02	6.447389E-05	-5.339563E-04	-2.351042E-04
18674	4.624668E-03	8.772719E-02	1.639194E-02	0.0	0.0	0.0
18675	2.857568E-03	7.903814E-02	5.930561E-03	0.0	-3.313553E-03	-3.413949E-03
18676	-4.466771E-03	7.928729E-02	5.209394E-03	0.0	3.385643E-03	-3.418820E-03
18677	-8.689947E-03	5.275291E-02	-1.420834E-02	-1.387891E-03	-4.705462E-04	5.999971E-04
18678	-4.131738E-03	5.408905E-02	-8.068655E-03	-4.888442E-04	5.58218E-04	5.169713E-04
18679	-1.129575E-03	5.465275E-02	7.087647E-03	0.0	-3.905180E-04	4.118967E-04
18680	-5.842790E-04	5.493000E-02	7.244160E-04	0.0	0.0	3.035280E-04
18681	2.829458E-03	5.49756E-02	5.918629E-03	0.0	7.599732E-04	6.312001E-04
18682	4.373696E-03	5.362282E-02	7.068254E-03	-5.295082E-04	8.566510E-04	7.977330E-04
18683	1.136569E-02	5.205022E-02	1.391840E-02	-1.584182E-03	4.556142E-04	9.360816E-04
18684	-1.266675E-02	6.816453E-02	-1.418534E-02	-1.651120E-03	-7.918237E-04	6.533592E-04
18685	-7.794172E-03	6.616733E-02	-8.207429E-03	-4.877696E-04	-3.517116E-04	7.300754E-04
18686	1.029128E-02	6.844076E-02	7.238334E-03	-4.854725E-04	6.417029E-04	7.488769E-04
18687	1.519393E-02	6.873524E-02	1.388543E-02	-1.941232E-03	7.894943E-04	4.282556E-04
18688	-1.479142E-02	6.878436E-02	-1.413792E-02	-5.653896E-04	-8.933390E-04	8.087798E-04
18689	-8.549020E-03	6.814146E-02	-8.299021E-03	-7.953809E-04	-2.910076E-04	8.320373E-04
18690	1.801619E-03	6.784874E-02	6.851189E-03	0.0	-3.247070E-04	9.468908E-04
18691	9.976633E-03	6.75150E-02	7.331717E-03	0.0	0.0	1.113883E-03
18692	1.175055E-02	6.854051E-02	7.131231E-03	-8.900882E-04	6.778189E-04	8.417757E-04
18693	1.73377E-02	6.93673E-02	7.382915E-02	-6.099292E-04	5.755434E-04	7.480045E-04
18694	-5.051780E-03	-3.705651E-02	1.963731E-02	0.0	9.029703E-04	7.215242E-04
18695	-6.86491E-03	-1.706081E-02	3.077447E-02	0.0	1.558106E-03	-4.979183E-03
18696	-7.080682E-03	9.275740E-02	-2.594711E-02	0.0	-1.896475E-03	-4.996959E-03
18697	-4.242152E-03	9.237641E-02	1.71851E-02	0.0	0.0	0.0
18698	7.919022E-04	9.227455E-02	5.160603E-04	0.0	0.0	0.0
18699	6.191824E-03	9.228706E-02	-1.650793E-02	0.0	0.0	0.0
18700	1.079784E-02	9.286507E-02	-2.659091E-02	0.0	0.0	0.0
18701	-5.211785E-03	2.592522E-02	2.914742E-02	3.810879E-04	-1.364321E-03	8.267651E-04
18702	-5.105285E-04	2.633515E-02	2.32523E-02	0.0	-1.306248E-03	8.504956E-04
18703	9.106413E-03	2.697309E-02	8.438237E-04	0.0	-2.607722E-04	6.612176E-04
18704	1.317204E-02	2.651389E-02	-2.161944E-02	0.0	7.847031E-04	-7.472311E-05
18705	-1.241102E-02	2.617337E-02	-2.716969E-02	2.801395E-04	8.427766E-04	-2.023235E-04
18706	-1.602414E-02	8.318916E-03	2.923827E-02	0.0	0.0	0.0
18707	-1.102903E-02	8.319858E-03	2.596979E-02	4.832439E-03	1.223580E-03	0.0
18708	-2.293933E-03	8.276932E-03	8.422363E-03	0.0	0.0	0.0
18709	6.70963E-03	8.32231E-03	6.554643E-03	0.0	0.0	0.0
18710	1.666582E-02	8.414268E-03	-2.397142E-02	4.37394E-03	-1.660178E-03	0.0
18711	1.998194E-02	8.482050E-03	-2.734545E-02	0.0	0.0	0.0
18712	5.096637E-03	-4.771807E-02	2.824122E-02	3.709321E-03	1.401446E-03	-4.715614E-03
18713	-6.77723E-03	-4.776252E-02	-2.621359E-02	3.732551E-03	-1.823685E-03	-4.734188E-03
18714	0.0	-4.354150E-02	1.340298E-03	1.375805E-03	0.0	0.0
18715	-4.552957E-03	1.059465E-01	2.262451E-02	0.0	0.0	0.0
18716	2.059993E-03	1.08490E-01	1.540786E-02	0.0	0.0	0.0
18717	3.051831E-03	1.088762E-01	-1.666672E-02	0.0	0.0	0.0
18718	6.357696E-03	1.058255E-01	-2.414272E-02	0.0	0.0	0.0
18719	-4.704710E-03	9.56364E-02	2.67277E-02	0.0	0.0	0.0
18720	-3.671308E-03	9.624475E-02	1.703863E-02	0.0	0.0	0.0
18721	9.700656E-04	9.612250E-02	-6.829340E-04	0.0	0.0	0.0
18722	6.028045E-04	9.627783E-02	-1.863581E-02	0.0	0.0	0.0
18723	1.008465E-02	9.669912E-02	-2.761712E-02	0.0	0.0	0.0
18724	-4.896882E-03	1.063399E-01	-2.292762E-02	0.0	0.0	0.0
18725	6.942314E-01	1.063754E-01	-2.494651E-02	0.0	0.0	0.0



61912	G	-1.33571E-02	9.082609E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61913	G	-1.400512E-02	8.768141E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61914	G	-1.460573E-02	8.476639E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61915	G	-1.488522E-02	7.321095E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61916	G	-1.533233E-02	7.084203E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61917	G	-1.586341E-02	6.802815E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61918	G	-1.608491E-02	7.239324E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61922	G	-1.323993E-02	7.008576E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61923	G	-1.42617E-02	6.796187E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61924	G	-1.406868E-02	5.296317E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61927	G	-9.648919E-03	5.078724E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61928	G	-9.019285E-03	4.752335E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61934	G	-7.402696E-03	2.918028E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61935	G	-6.525623E-03	2.57395E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
61936	G	-5.565912E-03	2.162953E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62211	G	-1.712030E-02	9.007186E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62213	G	-1.522385E-02	6.772131E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62217	G	-7.666502E-03	5.893147E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62219	G	-5.790368E-03	8.141583E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62221	G	-1.586839E-02	6.987906E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62224	G	-1.233568E-02	5.081198E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62226	G	-5.225834E-03	4.278049E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62229	G	-2.354315E-03	3.06978E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62231	G	-5.195948E-03	2.168237E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62239	G	-1.630017E-03	1.007052E-01	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62811	G	-1.345447E-02	8.085139E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62819	G	9.977569E-05	8.198750E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62821	G	-1.081255E-02	4.285320E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62829	G	3.395974E-03	3.20765E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62831	G	1.955671E-04	2.661766E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
62839	G	3.904358E-03	1.024753E-01	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
63411	G	-7.724162E-03	6.103655E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
63419	G	5.427271E-03	8.260608E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
63421	G	-4.925251E-03	4.316448E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
63429	G	9.175193E-03	3.734297E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
63431	G	5.949734E-03	2.723592E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
63439	G	9.721078E-03	1.60491E-03	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
64211	G	-1.60491E-03	1.60491E-03	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
64219	G	1.273609E-02	6.249022E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
64221	G	2.365902E-03	8.343744E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
64229	G	1.730497E-02	4.441727E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
64231	G	1.374824E-02	4.098346E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
64239	G	1.402314E-02	3.077817E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65011	G	3.695583E-03	1.059132E-01	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65019	G	1.914024E-02	6.544548E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65021	G	8.546194E-03	8.399975E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65029	G	2.486956E-02	4.671838E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65031	G	2.080100E-02	4.507049E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65039	G	2.580538E-02	3.458283E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65911	G	7.324949E-03	1.059633E-01	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65919	G	2.468254E-02	7.042352E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65921	G	1.433953E-02	8.345747E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65929	G	3.224249E-02	5.054738E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65931	G	2.734051E-02	4.941152E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
65939	G	3.314424E-02	3.907639E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71912	G	1.627722E-02	9.142333E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71913	G	1.684493E-02	8.210556E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71914	G	1.737117E-02	4.503014E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71916	G	1.715222E-02	7.229400E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71917	G	1.713455E-02	6.977165E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71918	G	1.711356E-02	6.677505E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71922	G	1.653029E-02	7.559916E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71923	G	1.571831E-02	7.091290E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71924	G	1.497092E-02	6.64032E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71926	G	1.318809E-02	5.232418E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04
71927	G	1.264089E-02	4.984112E-02	-2.249503E-02	-2.443432E-03	5.034471E-04	2.668242E-04



200106	G	-5.24377E-03	-1.000000E-00	-2.81377E-05	1.21037E-02	-7.46738E-05	-2.11862E-03
200114	G	-8.396879E-03	-1.03629E-00	-2.83225E-05	-1.79523E-03	3.60484E-05	-2.11862E-03
200121	G	-7.81052E-03	-9.72841E-01	-2.84842E-05	-1.56576E-02	1.31216E-04	-2.11862E-03
200129	G	-6.36476E-03	-7.96746E-01	-2.86898E-05	-2.79449E-02	2.25902E-04	-2.11862E-03
200137	G	-6.26614E-03	-5.34395E-01	-2.86689E-05	-1.70216E-02	2.94289E-04	-2.11862E-03
200145	G	-1.72831E-03	-2.13990E-01	-2.86689E-05	-4.26279E-02	3.35496E-04	-2.11862E-03
200153	G	9.43368E-04	1.24529E-01	-2.86689E-05	-4.42049E-02	3.48684E-04	-2.11862E-03
200155	G	1.71395E-03	2.22220E-01	-2.86689E-05	-4.42049E-02	3.48684E-04	-2.11862E-03
211001	G	-6.81010E-02	-1.72779E-01	3.31157E-01	9.95510E-03	8.36251E-03	7.75314E-03
211073	G	5.66935E-02	-1.84083E-01	3.37514E-01	1.00770E-02	-8.99017E-03	8.03149E-03
211077	G	2.40176E-02	-1.42421E-01	4.24398E-01	3.40764E-02	-2.32927E-04	-2.11862E-03
214075	G	-2.84184E-02	-1.42421E-01	4.24398E-01	3.40764E-02	-2.32927E-04	-2.11862E-03
214901	G	-6.61701E-03	-1.44311E-01	3.46721E-03	3.40764E-02	-2.32927E-04	-2.11862E-03
214902	G	5.66935E-02	1.32941E-02	1.72576E-02	9.95510E-03	8.36251E-03	7.75314E-03
215101	G	2.24605E-02	4.17234E-02	1.59641E-02	1.00770E-02	-8.99017E-03	8.03149E-03
215102	G	-2.90751E-02	4.17234E-02	1.59641E-02	1.00770E-02	-8.99017E-03	8.03149E-03
215202	G	-1.84136E-02	4.35438E-02	2.86225E-02	1.18744E-03	5.50360E-03	2.15092E-03
222001	G	-6.58693E-02	7.34971E-02	1.97132E-02	-1.21562E-03	-2.49304E-03	1.54328E-03
222002	G	7.41636E-01	7.57692E-01	-5.93342E-01	-1.22293E-03	-2.34850E-03	1.57325E-03
222201	G	5.64201E-02	1.87105E-01	6.08011E-01	3.23958E-02	6.55287E-03	5.67814E-03
222202	G	-3.71181E-04	1.89369E-01	2.74284E-01	2.33174E-02	-2.98651E-03	6.49716E-04
222301	G	6.94251E-03	1.06375E-01	2.74284E-01	2.33174E-02	-2.98651E-03	6.49716E-04
222302	G	-6.89682E-03	1.06375E-01	2.74284E-01	2.33174E-02	-2.98651E-03	6.49716E-04
223401	G	5.64201E-02	8.24253E-01	2.74284E-01	2.33174E-02	-2.98651E-03	6.49716E-04
223402	G	5.64201E-02	8.24253E-01	2.74284E-01	2.33174E-02	-2.98651E-03	6.49716E-04
520018	G	-3.81786E-02	1.65405E-01	7.03355E-01	3.23958E-02	6.55287E-03	5.67814E-03
520024	G	-3.89604E-02	1.65405E-01	7.03355E-01	3.23958E-02	6.55287E-03	5.67814E-03
520057	G	-6.32650E-02	1.65405E-01	7.03355E-01	3.23958E-02	6.55287E-03	5.67814E-03
520065	G	-6.44145E-02	1.65405E-01	7.03355E-01	3.23958E-02	6.55287E-03	5.67814E-03
520068	G	-6.50117E-02	1.65405E-01	7.03355E-01	3.23958E-02	6.55287E-03	5.67814E-03
520079	G	-6.68973E-02	1.65405E-01	7.03355E-01	3.23958E-02	6.55287E-03	5.67814E-03
520135	G	-6.00404E-02	1.65405E-01	7.03355E-01	3.23958E-02	6.55287E-03	5.67814E-03
520139	G	-6.11471E-02	1.65405E-01	7.03355E-01	3.23958E-02	6.55287E-03	5.67814E-03
520152	G	-6.47238E-02	1.65405E-01	7.03355E-01	3.23958E-02	6.55287E-03	5.67814E-03
520185	G	-7.37613E-02	1.65405E-01	7.03355E-01	3.23958E-02	6.55287E-03	5.67814E-03

AM-1G THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - .FN 3  
BASIC MISSION HEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
EIGENVALUE # 2.371601E 04

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POINT ID -		REAL EIGENVECTORS NO.									
		T1		T2		T3		R2		R3	
		TYPE		TYPE		TYPE		TYPE		TYPE	
3331	G		-6.787127E-02		6.616566E-03		5.751369E-01		0.0		0.0
3339	G		-6.871047E-02		6.458859E-03		5.782378E-01		0.0		0.0
3341	G		-6.27226E-03		4.930377E-03		5.753397E-01		0.0		0.0
3349	G		-1.021455E-02		4.835941E-03		5.772015E-01		0.0		0.0
4631	G		-6.725729E-02		5.178053E-03		4.622135E-01		0.0		0.0
4633	G		-9.645319E-02		4.814284E-03		4.626251E-01		0.0		0.0
4637	G		-9.602177E-02		5.127246E-03		4.648349E-01		0.0		0.0
4639	G		-6.948438E-02		5.588796E-03		4.649703E-01		0.0		0.0
4641	G		-7.588707E-03		5.800847E-03		4.624437E-01		0.0		0.0
4649	G		-1.112035E-02		6.461501E-03		4.645299E-01		0.0		0.0
4661	G		6.355006E-02		7.020168E-03		4.629795E-01		0.0		0.0
4669	G		5.879803E-02		7.617079E-03		4.633988E-01		0.0		0.0
6123	G		-1.432766E-01		3.487995E-03		3.203914E-01		0.0		0.0
6127	G		-1.449216E-01		3.175357E-03		3.224209E-01		0.0		0.0
6131	G		-9.431756E-02		3.380717E-03		3.213565E-01		0.0		0.0
6133	G		-9.387255E-02		3.563035E-03		3.202487E-01		0.0		0.0
6137	G		-9.442779E-02		4.456643E-03		3.222430E-01		0.0		0.0
6139	G		-9.599316E-02		4.702356E-03		3.248994E-01		0.0		0.0
6141	G		-2.977508E-02		7.206709E-04		3.213680E-01		0.0		0.0
6143	G		-2.850884E-02		7.537268E-04		3.205563E-01		0.0		0.0
6147	G		-3.307112E-02		1.319059E-02		3.224488E-01		0.0		0.0
6149	G		-3.259185E-02		1.317534E-02		3.253697E-01		0.0		0.0
6161	G		1.655043E-02		-2.493129E-03		3.231531E-01		0.0		0.0
6163	G		1.677454E-02		-2.438079E-03		3.207135E-01		0.0		0.0
6167	G		1.112046E-02		1.779820E-02		3.229191E-01		0.0		0.0
6169	G		1.305742E-02		1.774794E-02		3.242614E-01		0.0		0.0
6171	G		1.034253E-01		6.154228E-03		3.906584E-01		0.0		0.0
6179	G		-4.834677E-02		7.766679E-03		3.941155E-01		0.0		0.0
7031	G		-4.246411E-02		3.623418E-03		0.0		0.0		0.0
7033	G		-9.317046E-02		3.421043E-03		2.424237E-01		0.0		0.0
7037	G		-9.416080E-02		3.421043E-03		2.448134E-01		0.0		0.0
7039	G		-9.461945E-02		3.200447E-03		0.0		0.0		0.0
7043	G		-2.613681E-02		0.0		2.404310E-01		0.0		0.0
7047	G		-3.159244E-02		0.0		2.465473E-01		0.0		0.0
7061	G		1.749899E-02		-8.834366E-03		1.879491E-01		0.0		0.0
7063	G		2.269177E-02		-8.334384E-03		2.396935E-01		0.0		0.0
7067	G		1.719076E-02		2.861426E-02		2.457432E-01		0.0		0.0
7069	G		1.391387E-02		2.852626E-02		1.945237E-01		0.0		0.0
7071	G		6.932509E-02		0.0		1.787999E-01		0.0		0.0
7079	G		6.502873E-02		0.0		1.874255E-01		0.0		0.0
7505	G		-2.343331E-01		-1.472171E-03		2.301009E-01		0.0		0.0
8300	G		1.479282E-01		1.123514E-02		1.277819E-01		0.0		0.0
8531	G		-8.824450E-02		2.903877E-03		0.0		0.0		0.0
8533	G		-9.317046E-02		2.684541E-03		1.028967E-01		0.0		0.0
8537	G		-9.416080E-02		2.684541E-03		1.090834E-01		0.0		0.0
8539	G		-4.034199E-02		2.434612E-03		0.0		0.0		0.0
8543	G		-7.400000E-02		0.0		1.038226E-01		0.0		0.0
8547	G		-2.911213E-02		0.0		1.087281E-01		0.0		0.0
8561	G		1.593539E-02		-2.498687E-03		6.784298E-02		0.0		0.0
8563	G		2.649144E-02		-2.565955E-04		1.040516E-01		0.0		0.0
8567	G		2.164424E-02		2.220323E-02		1.100069E-01		0.0		0.0
8569	G		1.071521E-02		2.220330E-02		7.715668E-02		0.0		0.0
8571	G		5.333428E-02		0.0		5.926564E-02		0.0		0.0
8579	G		4.801304E-02		0.0		7.074565E-02		0.0		0.0
9303	G		-4.268114E-03		-6.135989E-03		2.443665E-02		0.0		0.0
9707	G		-3.664706E-03		-6.046101E-03		3.112258E-02		0.0		0.0

9313	G	1.190877E-02	-4.632749E-03	2.465414E-02	0.0	0.0	0.0
9317	G	1.080102E-02	-4.105192E-03	3.111218E-02	0.0	0.0	0.0
9331	G	-8.481005E-02	1.051035E-03	2.111705E-02	0.0	0.0	0.0
9333	G	-8.851608E-02	1.051035E-03	2.111705E-02	0.0	0.0	0.0
9337	G	-8.987778E-02	2.658418E-03	3.402779E-02	0.0	0.0	0.0
9339	G	-8.595985E-02	3.157600E-03	3.277991E-02	0.0	0.0	0.0
9341	G	0.0	6.892022E-03	1.711627E-03	0.0	0.0	0.0
9343	G	-2.304053E-02	6.844413E-03	1.026164E-02	0.0	0.0	0.0
9347	G	-2.651749E-02	7.488541E-03	1.759174E-02	0.0	0.0	0.0
9349	G	0.0	7.788530E-03	7.979266E-03	0.0	0.0	0.0
9361	G	8.740325E-03	1.010891E-02	-5.214822E-03	0.0	0.0	0.0
9363	G	2.101446E-02	9.924278E-03	1.684518E-03	0.0	0.0	0.0
9367	G	1.698178E-02	8.589588E-03	5.723611E-03	0.0	0.0	0.0
9359	G	2.895095E-03	8.372288E-03	6.149933E-03	0.0	0.0	0.0
9371	G	4.262337E-02	1.363137E-02	1.458333E-02	0.0	0.0	0.0
9373	G	0.0	1.274135E-02	3.469222E-03	0.0	0.0	0.0
9377	G	0.0	8.821424E-03	9.509459E-03	0.0	0.0	0.0
9379	G	3.603270E-02	7.849716E-03	3.124165E-03	0.0	0.0	0.0
11300	G	6.842327E-02	3.033336E-03	1.001634E-01	0.0	0.0	0.0
11303	G	1.652775E-02	-4.475910E-03	0.0	0.0	0.0	0.0
11507	G	1.672721E-02	-4.475910E-03	0.0	0.0	0.0	0.0
11531	G	-6.228012E-02	-2.404057E-03	0.0	0.0	0.0	0.0
11533	G	-6.414855E-02	1.891017E-03	-1.179830E-01	0.0	0.0	0.0
11537	G	-6.599993E-02	1.887657E-03	-1.108924E-01	0.0	0.0	0.0
11539	G	-6.534058E-02	2.382857E-03	0.0	0.0	0.0	0.0
11543	G	-2.282258E-02	3.089869E-03	-1.179007E-01	0.0	0.0	0.0
11547	G	-2.471046E-02	3.089869E-03	-1.107434E-01	0.0	0.0	0.0
11561	G	2.566696E-03	2.219278E-02	-1.216796E-01	0.0	0.0	0.0
11563	G	9.074513E-03	2.227781E-02	-1.176650E-01	0.0	0.0	0.0
11567	G	6.900240E-03	-1.038881E-02	-1.104585E-01	0.0	0.0	0.0
11569	G	-3.122279E-03	-1.031315E-02	-1.097926E-01	0.0	0.0	0.0
11571	G	1.734937E-02	0.0	-1.207028E-01	0.0	0.0	0.0
11579	G	1.329587E-02	0.0	-1.075753E-01	0.0	0.0	0.0
11700	G	6.312662E-02	-1.034209E-02	-1.160167E-01	0.0	0.0	0.0
11703	G	-5.497276E-02	-1.318816E-03	-2.090380E-01	0.0	0.0	0.0
13001	G	1.768807E-02	-3.174683E-03	-1.990374E-01	0.0	0.0	0.0
13003	G	2.156449E-02	-2.988582E-03	-2.003270E-01	0.0	0.0	0.0
13007	G	2.269211E-02	-3.285605E-03	-2.001272E-01	0.0	0.0	0.0
13009	G	1.956025E-02	-2.842697E-03	-1.983610E-01	0.0	0.0	0.0
13021	G	3.311085E-03	-3.722594E-03	-1.983207E-01	0.0	0.0	0.0
13023	G	7.224937E-04	-3.213274E-03	-1.994767E-01	0.0	0.0	0.0
13027	G	1.169680E-03	-2.081380E-03	-1.986358E-01	0.0	0.0	0.0
13029	G	5.153748E-03	-1.518161E-03	-1.976859E-01	0.0	0.0	0.0
13031	G	-4.476066E-02	-3.531214E-03	-1.961133E-01	0.0	0.0	0.0
13033	G	-1.251442E-02	-3.011997E-03	-1.954134E-01	0.0	0.0	0.0
13037	G	-1.444644E-02	-1.291224E-03	-1.940335E-01	0.0	0.0	0.0
13039	G	-4.737735E-02	-9.584297E-04	-1.965986E-01	0.0	0.0	0.0
13041	G	0.0	9.274688E-04	-1.925720E-01	0.0	0.0	0.0
13043	G	-2.355340E-02	3.551504E-05	-1.921136E-01	0.0	0.0	0.0
13047	G	-2.429049E-02	-1.334363E-05	-1.909782E-01	0.0	0.0	0.0
13049	G	-2.383851E-02	-5.274586E-05	-1.853306E-01	0.0	0.0	0.0
13051	G	0.0	-4.652031E-03	-1.657248E-01	0.0	0.0	0.0
13053	G	-2.700944E-03	6.376691E-03	-1.901923E-01	0.0	0.0	0.0
13057	G	-9.297602E-03	6.475002E-03	-1.906961E-01	0.0	0.0	0.0
13059	G	-5.559437E-03	-1.022834E-02	-1.765652E-01	0.0	0.0	0.0
13067	G	-5.027432E-03	-1.007522E-02	-1.770431E-01	0.0	0.0	0.0
13071	G	-4.059155E-03	0.0	-1.591091E-01	0.0	0.0	0.0
13073	G	-3.850422E-02	0.0	-1.628209E-01	0.0	0.0	0.0
14001	G	1.768807E-02	-1.603271E-03	-1.828136E-01	0.0	0.0	0.0
14003	G	2.126730E-02	-1.954655E-03	-1.823949E-01	0.0	0.0	0.0
14007	G	2.236032E-02	-3.446997E-03	-1.815120E-01	0.0	0.0	0.0
14009	G	1.956025E-02	-3.509138E-03	-1.816163E-01	0.0	0.0	0.0
14021	G	2.949136E-03	-9.967610E-04	-1.831206E-01	0.0	0.0	0.0
14023	G	1.865801E-03	-1.165603E-03	-1.823949E-01	0.0	0.0	0.0
14027	G	2.552621E-03	-3.637245E-03	-1.815120E-01	0.0	0.0	0.0
14029	G	-8.790022E-03	-3.818108E-03	-1.818036E-01	0.0	0.0	0.0



18631	-4.180776E-02	2.330358E-03	-1.834303E-01	0.0	0.0	0.0	0.0
18632	-2.360232E-02	1.262888E-03	-1.832932E-01	0.0	0.0	0.0	0.0
18633	-2.490803E-02	5.065795E-03	-1.824159E-01	0.0	0.0	0.0	0.0
18634	-6.410345E-02	6.458659E-03	-1.819502E-01	0.0	0.0	0.0	0.0
18641	0.0	4.330131E-04	-1.834192E-01	0.0	0.0	0.0	0.0
18644	-2.349569E-02	5.289201E-04	-1.851598E-01	0.0	0.0	0.0	0.0
18647	-2.519137E-02	3.031103E-03	-1.866384E-01	0.0	0.0	0.0	0.0
18649	0.0	-3.664219E-03	-1.819389E-01	0.0	0.0	0.0	0.0
18650	-6.665601E-03	-3.229408E-04	-1.831815E-01	0.0	0.0	0.0	0.0
18651	-1.338877E-02	1.122137E-03	-1.858769E-01	0.0	0.0	0.0	0.0
18652	-1.568108E-02	-1.942630E-03	-1.852577E-01	0.0	0.0	0.0	0.0
18653	-9.668233E-03	-2.217876E-03	-1.815440E-01	0.0	0.0	0.0	0.0
18654	-2.479531E-02	6.381966E-04	-1.744300E-01	0.0	0.0	0.0	0.0
18681	-5.131777E-02	-8.528770E-04	-1.736380E-01	0.0	0.0	0.0	0.0
18682	-5.066621E-02	-1.739572E-03	-1.736078E-01	0.0	0.0	0.0	0.0
18689	-2.667432E-02	-2.072923E-03	-1.734732E-01	0.0	0.0	0.0	0.0
18691	-1.623406E-02	-1.876353E-03	-1.741592E-01	-4.796564E-05	-2.162937E-03	-5.4555708E-05	0.0
18692	-1.372035E-02	-2.687916E-03	-1.728638E-01	-2.120936E-05	-2.256216E-03	-2.101067E-04	0.0
18693	-1.709455E-02	-2.493631E-03	-1.847702E-01	0.0	0.0	0.0	0.0
18694	-2.126730E-02	-2.316206E-03	-1.824561E-01	0.0	0.0	0.0	0.0
18697	-2.236037E-02	-1.85056E-03	-1.804930E-01	0.0	0.0	0.0	0.0
18699	-2.160658E-02	-1.963437E-03	-1.628697E-01	0.0	0.0	0.0	0.0
18621	-2.770991E-03	-1.796050E-03	-1.647179E-01	0.0	0.0	0.0	0.0
18623	-1.956913E-03	-1.597154E-03	-1.654330E-01	0.0	0.0	0.0	0.0
18625	-3.516556E-03	-1.786112E-03	-1.651584E-01	0.0	0.0	0.0	0.0
18627	-2.903498E-03	-1.975404E-03	-1.640436E-01	0.0	0.0	0.0	0.0
18629	-4.814833E-03	-1.722068E-03	-1.626768E-01	0.0	0.0	0.0	0.0
18633	-1.361791E-02	0.0	-1.674559E-01	0.0	0.0	0.0	0.0
18637	-1.467382E-02	0.0	-1.657187E-01	0.0	0.0	0.0	0.0
18641	-3.551114E-02	-2.098355E-03	-1.556249E-01	0.0	0.0	0.0	0.0
18643	-4.963501E-02	-1.641118E-03	0.0	0.0	0.0	0.0	0.0
18645	-5.288861E-02	-4.260386E-04	0.0	0.0	0.0	0.0	0.0
18647	-4.881779E-02	-1.972711E-03	0.0	0.0	0.0	0.0	0.0
18649	-3.809237E-02	1.747121E-03	-1.555346E-01	0.0	0.0	0.0	0.0
187100	-3.270022E-02	-8.695403E-04	-1.567743E-01	0.0	0.0	0.0	0.0
18601	-2.244300E-02	4.768604E-04	-9.435576E-02	0.0	0.0	0.0	0.0
18603	-2.498587E-02	3.746813E-04	-9.444773E-02	0.0	0.0	0.0	0.0
18607	-2.524212E-02	6.821521E-05	-9.428515E-02	0.0	0.0	0.0	0.0
18609	-2.381178E-02	6.82216E-05	-9.346813E-02	0.0	0.0	0.0	0.0
18621	-1.010266E-02	2.334259E-03	-9.494972E-02	0.0	0.0	0.0	0.0
18623	-1.012816E-02	2.203485E-03	-9.454936E-02	0.0	0.0	0.0	0.0
18625	8.613479E-03	7.340163E-04	-9.532446E-02	0.0	0.0	0.0	0.0
18627	-1.128410E-02	-7.565785E-04	-9.504835E-02	0.0	0.0	0.0	0.0
18629	-1.395458E-02	-1.343216E-03	-9.382375E-02	0.0	0.0	0.0	0.0
18631	-1.528667E-03	1.359544E-02	-9.331628E-02	0.0	0.0	0.0	0.0
18633	0.0	8.3493786E-03	-9.624612E-02	0.0	0.0	0.0	0.0
18635	0.0	-1.444328E-04	-9.950571E-02	0.0	0.0	0.0	0.0
18637	0.0	-7.818814E-03	-9.693664E-02	0.0	0.0	0.0	0.0
18639	4.185535E-03	-1.067523E-02	-9.452915E-02	0.0	0.0	0.0	0.0
18641	1.778355E-02	2.868076E-02	-8.973318E-02	-2.288341E-03	-2.159261E-02	-1.858685E-02	-0.2
18642	-2.315998E-02	2.635255E-02	-9.777598E-02	-1.871131E-03	-1.932263E-02	-1.616973E-02	-0.2
18643	-8.826235E-02	2.305669E-02	-9.516215E-02	1.923387E-03	6.319142E-03	-1.616973E-02	-0.2
18644	-1.729294E-01	2.316463E-03	-1.387735E-01	0.0	0.0	0.0	0.0
18645	-1.394859E-01	-4.581549E-04	-1.108923E-01	0.0	0.0	0.0	0.0
18646	-1.714964E-01	-1.191713E-02	-1.095877E-01	0.0	0.0	0.0	0.0
18647	-4.002784E-02	-2.504749E-02	-1.034785E-01	0.0	0.0	0.0	0.0
18648	-1.939757E-02	-2.933776E-02	-9.777598E-02	-1.695886E-03	9.315405E-04	-1.824146E-02	-0.2
18649	2.156303E-02	3.766665E-03	-7.286714E-02	-3.069393E-03	3.259631E-03	-2.139338E-02	-0.2
18651	-1.714531E-02	2.252457E-02	-8.950131E-02	4.268486E-03	-3.258821E-03	-1.799388E-02	-0.2
18652	-2.064699E-02	2.342659E-02	-7.544492E-02	2.373634E-03	-3.379509E-05	-1.858685E-02	-0.2
18653	-2.417166E-02	-2.543044E-02	-9.464203E-02	-2.193634E-03	-6.199338E-04	-1.834952E-02	-0.2
18654	-1.369378E-02	-2.506578E-02	-9.249985E-02	-3.599366E-03	-4.100520E-03	-1.963343E-02	-0.2
18655	-2.503073E-03	-9.553756E-03	-7.990342E-02	-4.074217E-03	-4.661918E-03	-5.515970E-03	-0.3
18657	-2.203771E-02	-9.571024E-03	-7.330798E-02	-2.108498E-03	-8.853148E-04	-5.865592E-03	-0.3
18658	-2.284959E-02	2.249959E-03	-9.790552E-02	-1.542736E-03	-3.914077E-03	-5.537160E-03	-0.3
18659	-9.7547430E-03	2.2890954E-03	-9.275067E-02	-3.892170E-03	-5.214577E-03	5.207684E-03	-0.3

15601	-1.680030E-02	-1.449159E-02	-9.096026E-02	4.378472E-03	-4.065567E-03	-2.557229E-03
15602	-2.366142E-02	-1.308434E-02	-9.531689E-02	-1.532642E-03	-2.408970E-03	-4.118616E-03
15603	-3.840756E-02	-1.127038E-02	-1.021355E-01	-4.700030E-05	-2.535888E-03	-4.234996E-03
15604	-5.946203E-02	-6.140524E-03	-1.096814E-01	0.0	0.0	-2.171619E-03
15605	-6.573361E-02	-1.976294E-03	-1.129491E-01	0.0	0.0	-2.609523E-04
15606	-5.965684E-02	-2.167443E-03	-1.105491E-01	0.0	0.0	2.973525E-04
15607	-3.967575E-02	7.234938E-03	-1.032974E-01	4.549952E-05	-1.517103E-03	3.963452E-03
15608	-2.508586E-02	9.018786E-03	-9.789699E-02	-1.389698E-03	-2.982550E-03	3.836212E-03
15609	-1.506834E-02	-1.040350E-02	-9.383172E-02	-4.194364E-03	-4.452046E-03	2.304220E-03
15610	-6.586650E-02	-1.289934E-02	-9.429133E-02	0.0	0.0	0.0
15611	-5.813324E-02	-1.184097E-02	-9.078175E-02	4.703030E-05	-1.662985E-03	-3.757775E-05
15612	-5.544924E-02	-2.564350E-03	-9.087535E-01	0.0	0.0	0.0
15613	-5.903331E-02	6.684922E-03	-1.019027E-01	4.594952E-05	-1.636366E-03	-3.757773E-05
15614	-6.847647E-02	7.695340E-03	-9.723355E-02	0.0	0.0	0.0
15615	-6.124731E-02	-1.136118E-02	-9.541305E-02	0.0	-1.101956E-03	2.672032E-04
15616	-6.230851E-02	6.273691E-03	-9.577168E-02	0.0	-1.225116E-03	-1.667154E-04
15617	-2.318214E-02	2.827038E-02	-6.557675E-02	7.381111E-03	-4.447550E-03	-1.029235E-02
15618	-4.951022E-02	1.549801E-02	-9.077888E-02	2.922485E-03	5.679186E-03	-8.636139E-03
15619	-6.603187E-02	1.547348E-02	-1.071945E-01	0.0	7.801007E-03	-6.751720E-03
15620	-9.287298E-02	-1.495259E-04	-1.226201E-01	0.0	0.0	-2.709712E-05
15621	-6.647313E-02	-1.574343E-02	-1.074287E-01	0.0	7.689167E-03	-6.692961E-03
15622	-4.992260E-02	-1.905254E-02	-9.934872E-02	-2.617546E-03	5.535223E-03	6.574747E-03
15623	-2.204101E-02	-2.848137E-02	-6.217425E-02	-7.282712E-03	-4.675163E-03	1.023162E-02
15624	-3.882021E-03	-2.115930E-02	-6.449486E-02	9.688657E-03	-3.140987E-03	6.449218E-04
15625	-5.966090E-03	-1.126549E-02	-9.809417E-02	1.495356E-03	5.410392E-03	-7.304146E-04
15626	-7.518899E-03	1.358095E-02	-9.937472E-02	-1.510187E-03	5.299497E-03	9.077364E-04
15627	-6.284643E-03	2.382364E-02	-6.704074E-02	-9.529007E-03	-3.358925E-04	-7.332272E-04
15628	-1.048783E-02	-2.315638E-02	-6.800494E-02	2.663478E-03	-2.711086E-03	2.366823E-03
15629	7.302566E-03	-1.680873E-02	-9.593133E-02	4.370999E-03	5.242955E-03	2.293736E-03
15630	1.140280E-02	-1.354473E-02	-1.060946E-01	0.0	7.305417E-03	1.747723E-03
15631	1.790135E-02	-3.598410E-04	-1.253119E-01	0.0	0.0	-1.001976E-04
15632	9.919362E-03	1.274311E-02	-1.063210E-01	0.0	7.203180E-03	-1.939222E-03
15633	5.220477E-03	1.604263E-02	-7.777094E-02	-4.334450E-03	5.141541E-03	-2.431164E-03
15634	-1.382414E-02	2.236254E-02	-6.735206E-02	-2.643805E-03	-2.085362E-03	-2.519550E-03
15635	-6.997823E-02	2.388493E-03	-3.260233E-02	0.0	-4.593723E-03	-7.812388E-04
15636	-7.063049E-02	-4.735177E-04	-3.314790E-02	0.0	-4.485935E-03	-3.794767E-04
15637	1.808889E-02	-2.710477E-04	-3.098733E-02	0.0	0.0	0.0
15638	1.479684E-02	-8.867262E-05	-2.889795E-02	0.0	0.0	0.0
15639	1.329019E-02	7.977967E-04	-2.776505E-02	0.0	0.0	0.0
15640	1.211803E-02	9.364004E-04	-2.813982E-02	0.0	0.0	0.0
15641	1.115224E-02	1.353650E-03	-2.837545E-02	0.0	0.0	0.0
15642	1.618243E-02	-6.614284E-03	-2.517122E-02	2.036073E-03	-2.233287E-03	-1.124124E-02
15643	-6.388704E-02	-4.622262E-03	-2.544712E-02	0.0	-2.204137E-03	-1.024105E-02
15644	-1.046234E-01	2.171632E-03	-2.273155E-02	0.0	-1.679358E-03	-5.334557E-04
15645	-5.233286E-02	9.366440E-03	-2.568088E-02	0.0	-1.154579E-03	1.026342E-02
15646	6.651445E-03	1.112035E-02	-2.654454E-02	-1.910167E-03	-1.125429E-03	1.156514E-02
15647	-0.360039E-03	-6.443837E-04	-2.546796E-02	0.0	0.0	0.0
15648	2.302473E-04	6.806884E-04	-2.279931E-02	0.0	0.0	0.0
15649	-1.192119E-03	2.369670E-03	-2.168917E-02	-4.767567E-05	-5.355038E-03	0.0
15650	-5.279899E-03	3.196313E-03	-2.210545E-02	0.0	0.0	0.0
15651	-7.972304E-03	3.682169E-03	-2.365222E-02	8.348543E-05	-5.229186E-03	0.0
15652	-6.990451E-02	-3.813015E-03	-2.689308E-02	0.0	0.0	0.0
15653	-7.040617E-02	-1.308309E-03	-2.178369E-02	-8.539080E-04	-5.260954E-03	7.700844E-04
15654	0.0	1.338949E-03	-2.260786E-02	9.085168E-04	-5.132612E-03	-3.695185E-04
15655	1.19383E-02	-1.165278E-03	-5.432993E-03	3.790423E-05	0.0	0.0
15656	2.19379E-02	-1.349330E-03	-3.063780E-02	0.0	0.0	0.0
15657	1.859707E-02	-1.266422E-03	-3.063780E-02	0.0	0.0	0.0
15658	1.579114E-02	-1.199397E-03	-2.963363E-02	0.0	0.0	0.0
15659	1.752274E-02	-1.806105E-03	-2.857467E-02	0.0	0.0	0.0
15660	1.532974E-02	-1.226015E-03	-3.078315E-02	0.0	0.0	0.0
15661	1.349500E-02	-6.915904E-04	-3.035575E-02	0.0	0.0	0.0
15662	1.233438E-02	-1.968078E-04	-2.934604E-02	0.0	0.0	0.0
15663	1.123682E-02	-2.439286E-04	-2.716855E-02	0.0	0.0	0.0
15664	1.859581E-02	-1.694470E-03	-2.863224E-02	0.0	0.0	0.0
15665	1.440798E-02	-2.024295E-03	-2.657499E-02	0.0	0.0	0.0





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71425	4.453864E-02	-5.1356724E-02	-9.952933E-02	-1.5477111E-02	-5.975787E-03	9.113662E-03
71426	2.675857E-02	2.763808E-02	-5.835048E-03	-2.064047E-03	-1.122152E-03	9.274664E-03
71427	2.467674E-02	1.427873E-02	-5.35693E-03	-2.064047E-03	-1.122152E-03	1.146624E-02
71428	2.626225E-02	1.508722E-03	-5.835048E-03	-2.064047E-03	-1.122152E-03	1.439453E-02
72211	-1.303106E-04	5.408352E-02	-2.221311E-02	0.0	0.0	0.0
72212	1.068733E-02	2.400972E-02	-2.23765E-02	-1.274116E-02	-8.022350E-03	7.106174E-03
72213	5.583593E-02	-4.118904E-02	-5.061328E-02	-1.398793E-02	1.627461E-03	1.627461E-03
72214	6.675925E-02	7.411538E-02	-5.06022E-02	0.0	0.0	0.0
72215	1.439616E-02	8.319731E-02	1.078656E-02	-2.643998E-02	5.76671E-03	6.179451E-03
72216	2.932357E-02	3.663825E-02	1.102644E-02	-1.601313E-02	-1.603824E-02	1.603824E-02
72217	6.058607E-02	-6.351143E-02	1.119347E-02	-2.601141E-02	-2.549286E-03	6.103904E-03
72218	7.215619E-02	5.747754E-02	1.172677E-02	-2.244334E-02	-1.104198E-02	7.625394E-03
72219	5.694116E-02	2.518349E-03	9.785820E-02	-3.20949E-02	4.119646E-03	7.625394E-03
72220	7.002169E-02	2.518349E-03	8.73732E-02	-3.503082E-02	0.0	1.29.033E-02
72221	3.173765E-02	6.665635E-02	5.032028E-02	0.0	0.0	0.0
72222	9.429938E-02	5.985608E-02	5.228394E-02	0.0	0.0	0.0
72223	4.751628E-02	9.780717E-02	1.249386E-01	0.0	0.0	0.0
72224	1.040558E-01	5.404136E-02	1.244401E-01	0.0	0.0	0.0
72225	9.514171E-02	7.12442E-02	2.28934E-01	0.0	0.0	0.0
72226	1.087139E-01	2.219630E-02	2.230305E-01	0.0	0.0	0.0
72227	5.996337E-02	8.264531E-02	1.546540E-01	0.0	0.0	0.0
72228	1.308319E-01	-5.444651E-02	1.547667E-01	0.0	0.0	0.0
72229	7.858390E-02	1.115144E-01	2.385381E-01	0.0	0.0	0.0
72230	1.462003E-01	-4.338220E-02	2.389079E-01	0.0	0.0	0.0
72231	1.315026E-01	8.636063E-02	3.522473E-01	0.0	0.0	0.0
72232	1.478784E-01	3.975316E-02	3.524331E-01	0.0	0.0	0.0
72233	1.102520E-01	1.046720E-01	3.273221E-01	0.0	0.0	0.0
72234	1.868914E-01	-3.486933E-02	3.267741E-01	0.0	0.0	0.0
72235	1.347062E-01	1.428142E-01	4.237481E-01	0.0	0.0	0.0
72236	2.067267E-01	-2.053329E-02	4.237481E-01	-2.058330E-02	1.319267E-02	1.924396E-03
72237	1.895958E-01	1.109903E-01	5.462244E-01	0.0	0.0	0.0
72238	2.093302E-01	6.278205E-02	5.498337E-01	0.0	0.0	0.0
72239	1.693103E-01	1.295361E-01	5.219328E-01	0.0	0.0	0.0
72240	2.481534E-01	-1.151251E-02	5.217244E-01	0.0	0.0	0.0
72241	1.958953E-01	1.527956E-01	6.320984E-01	0.0	0.0	0.0
72242	2.732129E-01	3.553162E-03	6.318633E-01	0.0	0.0	0.0
72243	2.579409E-01	1.688316E-01	7.650597E-01	0.0	0.0	0.0
72244	2.76382E-01	8.596712E-02	7.651631E-01	0.0	0.0	0.0
72245	2.366391E-01	1.434972E-01	7.366173E-01	0.0	0.0	0.0
72246	1.130933E-01	2.255133E-02	7.383457E-01	0.0	0.0	0.0
72247	2.693927E-01	1.726034E-01	8.683316E-01	0.0	0.0	0.0
72248	3.463809E-01	3.575893E-02	8.689814E-01	-2.448107E-02	-1.459473E-02	1.511214E-03
72249	3.250789E-01	1.615279E-01	9.985793E-01	0.0	0.0	0.0
72250	3.491687E-01	1.106931E-01	9.986345E-01	0.0	0.0	0.0
72251	2.674013E-01	5.331038E-03	-3.263857E-02	0.0	0.0	0.0
72252	2.052122E-03	3.132084E-03	-2.599654E-02	0.0	0.0	0.0
72253	-1.128934E-03	2.273106E-03	-2.97551E-02	0.0	0.0	0.0
72254	2.674013E-01	1.081844E-03	-2.684112E-02	-4.894377E-05	-2.425685E-04	-2.557694E-04
72255	5.705968E-03	-4.667405E-03	-2.518205E-02	0.0	0.0	0.0
72256	3.266918E-03	-4.747875E-03	-2.621084E-02	0.0	0.0	0.0
72257	2.043614E-03	-4.853614E-03	-2.471188E-02	0.0	0.0	0.0
72258	4.616994E-03	-2.716506E-03	-2.612579E-02	0.0	0.0	0.0
72259	1.383863E-03	-2.716506E-03	-2.497463E-02	0.0	0.0	0.0
72260	6.494690E-03	7.561072E-03	-2.174167E-02	0.0	0.0	0.0
72261	4.133858E-03	7.571630E-03	-2.130554E-02	0.0	0.0	0.0
72262	2.674013E-01	-7.424925E-03	-2.022542E-02	-4.894377E-05	-2.425685E-04	-2.557694E-04
72263	-1.665179E-01	7.351241E-04	-2.362761E-01	-5.086111E-04	-1.403342E-02	4.273427E-05
72264	-1.654602E-02	7.351241E-04	-2.362761E-01	-5.086111E-04	-1.403342E-02	4.273427E-05
72265	-5.974087E-02	-2.685160E-03	-8.5158571E-02	-5.086111E-04	-1.403342E-02	4.273427E-05
72266	-1.659891E-01	1.165031E-03	-5.158571E-02	-5.086111E-04	-1.403342E-02	4.273427E-05
72267	-1.868092E-01	1.918565E-03	-5.593503E-02	-5.086111E-04	-1.403342E-02	4.273427E-05
72268	-3.095414E-01	6.261517E-03	-8.556348E-02	-5.760451E-04	-1.636303E-02	4.273427E-05
72269	-4.891666E-01	2.600557E-03	-5.566568E-02	-5.760451E-04	-1.636303E-02	4.273427E-05
72270	-4.374071E-01	1.3784434E-02	-5.566568E-02	-5.760451E-04	-1.636303E-02	4.273427E-05
72271	-4.150469E-01	1.009281E-02	-5.566568E-02	-5.760451E-04	-1.636303E-02	4.273427E-05
72272	-4.970874E-01	1.300557E-02	-4.639739E-02	-3.278775E-04	-8.620918E-03	4.273427E-05

200106	G	-5.324150E-01	1.439115E-02	-8.649588E-02	-1.894260E-04	-4.499187E-03	4.273427E-05
200114	G	-5.406870E-01	1.502572E-02	-8.709079E-02	2.989433E-05	2.415972E-03	4.273427E-05
200121	G	-5.027018E-01	1.457711E-02	-8.761132E-02	2.174288E-04	8.432385E-03	4.273427E-05
200129	G	-5.100224E-01	1.163932E-02	-8.802029E-02	4.035028E-04	1.445962E-02	4.273427E-05
200137	G	-2.756032E-01	7.491110E-03	-8.820623E-02	5.378956E-04	1.881685E-02	4.273427E-05
200145	G	-1.156344E-01	3.175500E-03	-8.820623E-02	6.188201E-04	2.144510E-02	4.273427E-05
200153	G	5.720188E-02	1.763470E-03	-8.820623E-02	6.447218E-04	2.228623E-02	4.273427E-05
200155	G	1.064546E-01	3.183300E-03	-8.820623E-02	6.447218E-04	2.228623E-02	4.273427E-05
211001	G	-3.26291E-01	1.076800E-03	-7.476568E-02	-6.592650E-03	-4.046240E-04	-4.960220E-03
211002	G	-2.991132E-01	7.579452E-02	-5.169651E-02	6.520737E-03	6.609464E-05	4.190804E-03
211073	G	-1.665179E-01	1.665877E-03	7.301527E-02	-5.086111E-04	-1.403542E-02	4.273427E-05
211077	G	-1.654602E-01	1.665877E-03	8.560336E-02	-5.086111E-04	-1.403542E-02	4.273427E-05
214075	G	-1.859891E-01	1.784678E-03	1.183278E-01	-5.086111E-04	-1.403542E-02	4.273427E-05
214901	G	-3.026291E-01	-8.789359E-02	-5.881926E-02	-8.502605E-03	4.046240E-04	-4.960220E-03
214902	G	-2.991132E-01	6.948904E-02	-5.430262E-02	6.520737E-03	6.609464E-05	4.190806E-03
215101	G	-1.210244E-01	-1.040538E-02	-1.262318E-01	3.403844E-03	9.803329E-03	-7.051542E-03
215102	G	-1.196926E-01	6.793708E-03	-1.265445E-01	3.706183E-03	9.870019E-03	6.703384E-03
215201	G	1.572025E-02	-2.687916E-03	-1.728631E-01	1.663709E-03	1.103112E-02	-3.4838075E-03
215202	G	1.423404E-02	-1.876353E-03	-1.741547E-01	1.680626E-03	1.103587E-02	3.841297E-03
222001	G	-3.020148E-01	-2.402012E-01	2.680236E-01	-1.443382E-02	1.421539E-03	-4.247647E-03
222201	G	-1.146596E-01	2.310886E-01	2.245877E-01	1.222350E-02	2.028730E-03	3.723427E-03
222202	G	-1.073130E-01	3.876515E-02	1.027426E-01	-1.067346E-02	1.052901E-02	-5.553689E-03
222301	G	1.440798E-02	-2.919322E-02	8.217216E-02	8.939620E-03	1.080298E-02	5.276195E-03
222302	G	1.859581E-02	-2.024295E-03	-2.657699E-02	-4.713636E-03	1.179439E-02	-3.164658E-03
223401	G	-3.020148E-01	-1.694470E-03	-2.863229E-02	4.182529E-03	1.190266E-02	2.873566E-03
223402	G	-2.984481E-01	3.420046E-01	2.473404E-01	-1.443382E-02	1.421539E-03	-4.247647E-03
520018	G	-3.073670E-02	2.852618E-01	1.950697E-01	1.222350E-02	2.028730E-03	3.723427E-03
520024	G	-3.26941E-02	-1.685879E-02	-7.282078E-03	4.168274E-03	-7.411109E-04	3.160424E-03
520671	G	-4.328035E-02	-1.885933E-02	-4.697785E-03	4.168086E-03	-7.411109E-04	3.161227E-03
520672	G	-5.948022E-02	-1.885945E-02	1.242758E-02	4.356410E-03	-7.411109E-04	3.422508E-03
520673	G	-4.729922E-02	-1.885951E-02	1.608741E-02	4.517529E-03	-7.411109E-04	3.604950E-03
520678	G	-5.144184E-02	-1.886073E-02	1.608741E-02	4.517529E-03	-7.411109E-04	3.700407E-03
520719	G	-7.758856E-02	-1.886939E-02	4.786357E-02	4.689235E-03	-7.411109E-04	3.964104E-03
520139	G	-7.971876E-02	-1.887019E-02	5.009108E-02	5.492430E-03	-7.411109E-04	5.153254E-03
520152	G	-8.674106E-02	-1.887275E-02	5.731178E-02	5.521763E-03	-7.411109E-04	5.186904E-03
520185	G	-1.037889E-01	-1.887275E-02	7.552248E-02	5.521763E-03	-7.411109E-04	5.229790E-03

BASIC MISSION WEIGHT CONFIGURATION - 8933 IN GRAMS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
EIGENVALUE # 2-4653076 04

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	3.054791E-03	-1.721409E-03	4.67628E-01	0.0	0.0	0.0
3339	G	3.704210E-03	-3.521029E-03	4.702439E-01	0.0	0.0	0.0
3341	G	5.203699E-02	-6.375551E-03	4.682129E-01	0.0	0.0	0.0
3349	G	4.895488E-02	-6.367411E-03	4.690332E-01	0.0	0.0	0.0
4631	G	3.557609E-03	3.945683E-03	3.789945E-01	0.0	0.0	0.0
4633	G	-1.910298E-02	-4.147157E-03	3.79332E-01	0.0	0.0	0.0
4637	G	-1.875970E-02	-3.459726E-03	3.812498E-01	0.0	0.0	0.0
4639	G	3.519260E-03	-3.491268E-03	3.813586E-01	0.0	0.0	0.0
4641	G	4.927886E-02	-3.319248E-03	3.791981E-01	0.0	0.0	0.0
4649	G	4.859178E-02	-2.269702E-03	3.817837E-01	0.0	0.0	0.0
4651	G	1.089096E-01	-2.269702E-03	3.796719E-01	0.0	0.0	0.0
4659	G	1.029127E-01	-1.730504E-03	3.817621E-01	0.0	0.0	0.0
6123	G	-5.625111E-02	-1.992410E-03	2.666511E-01	0.0	0.0	0.0
6127	G	-5.565588E-02	-4.278734E-03	2.691400E-01	0.0	0.0	0.0
6131	G	-1.777782E-02	-3.942061E-03	2.674407E-01	0.0	0.0	0.0
6133	G	-1.701031E-02	-3.780101E-03	2.665626E-01	0.0	0.0	0.0
6137	G	-1.628169E-02	-2.977518E-03	2.689878E-01	0.0	0.0	0.0
6139	G	-1.682482E-02	-2.770276E-03	2.714397E-01	0.0	0.0	0.0
6141	G	3.241747E-02	-7.570285E-03	2.674423E-01	0.0	0.0	0.0
6143	G	3.186949E-02	-7.549074E-03	2.667871E-01	0.0	0.0	0.0
6147	G	3.107564E-02	-5.160000E-03	2.691910E-01	0.0	0.0	0.0
6149	G	3.231775E-02	-5.147822E-03	2.718520E-01	0.0	0.0	0.0
6161	G	6.832027E-02	-9.070813E-03	2.664175E-01	0.0	0.0	0.0
6163	G	6.901336E-02	-9.076048E-03	2.668892E-01	0.0	0.0	0.0
6167	G	6.502211E-02	-9.408664E-03	2.696449E-01	0.0	0.0	0.0
6169	G	6.753618E-02	-9.365451E-03	2.708119E-01	0.0	0.0	0.0
6171	G	1.381208E-01	-2.595095E-03	3.227170E-01	0.0	0.0	0.0
6173	G	1.337231E-01	-1.147353E-03	3.262433E-01	0.0	0.0	0.0
7031	G	-1.678643E-02	-2.970273E-03	0.0	0.0	0.0	0.0
7033	G	-1.631787E-02	-3.077062E-03	2.056529E-01	0.0	0.0	0.0
7037	G	-1.566939E-02	-3.077062E-03	2.125921E-01	0.0	0.0	0.0
7039	G	-1.563860E-02	-3.233962E-03	0.0	0.0	0.0	0.0
7042	G	3.555388E-02	0.0	2.040851E-01	0.0	0.0	0.0
7047	G	3.218477E-02	0.0	2.137987E-01	0.0	0.0	0.0
7061	G	6.496454E-02	-1.364641E-02	1.589796E-01	0.0	0.0	0.0
7063	G	7.411243E-02	-1.364641E-02	2.034470E-01	0.0	0.0	0.0
7067	G	6.980693E-02	-2.128428E-02	2.101142E-01	0.0	0.0	0.0
7069	G	6.806782E-02	2.119539E-02	1.636394E-01	0.0	0.0	0.0
7071	G	1.102557E-01	0.0	1.416481E-01	0.0	0.0	0.0
7073	G	1.045871E-01	0.0	1.472138E-01	0.0	0.0	0.0
7505	G	-1.245640E-01	-9.042820E-03	1.734764E-01	-3.443717E-04	7.564694E-03	4.242400E-05
8500	G	1.802486E-01	-9.466962E-03	0.0	0.0	0.0	0.0
8501	G	-1.327282E-02	-2.239116E-03	0.0	0.0	0.0	0.0
8533	G	-1.051787E-02	-2.463186E-03	9.420166E-02	0.0	0.0	0.0
8537	G	-1.566939E-02	-2.463186E-03	1.030891E-01	0.0	0.0	0.0
8539	G	-1.210756E-02	-2.685932E-03	0.0	0.0	0.0	0.0
8543	G	4.721542E-02	0.0	9.667179E-02	0.0	0.0	0.0
8547	G	3.362924E-02	0.0	1.033158E-01	0.0	0.0	0.0
8561	G	6.624788E-02	-5.825359E-03	6.397623E-02	0.0	0.0	0.0
8563	G	7.679741E-02	-5.890410E-03	6.877347E-02	0.0	0.0	0.0
8567	G	7.357085E-02	-1.852546E-02	1.034558E-01	0.0	0.0	0.0
8569	G	6.453651E-02	1.852552E-02	7.255787E-02	0.0	0.0	0.0
8571	G	9.626263E-02	0.0	6.730374E-02	0.0	0.0	0.0
8579	G	9.408194E-02	0.0	5.716049E-02	0.0	0.0	0.0
9301	G	7.465374E-02	-1.149941E-02	3.378237E-02	0.0	0.0	0.0
9307	G	7.666403E-02	-1.133484E-02	4.089321E-02	0.0	0.0	0.0

9315	9.600970E-02	-3.480645E-03	3.381512E-02	0.0	0.0
9317	9.659490E-02	-9.161238E-03	4.092418E-02	0.0	0.0
9331	-9.554818E-03	-2.675803E-03	2.751596E-02	0.0	0.0
9333	-1.799817E-02	-2.458630E-03	3.414796E-02	0.0	0.0
9337	-1.237443E-02	-1.990043E-03	4.152750E-02	0.0	0.0
9339	-6.541111E-03	-1.651651E-03	4.062150E-02	0.0	0.0
9341	0.0	9.734393E-03	2.325198E-02	0.0	0.0
9343	3.766572E-02	4.716713E-03	2.087576E-02	0.0	0.0
9347	3.576234E-02	5.772453E-03	2.890384E-02	0.0	0.0
9349	0.0	6.136160E-03	3.545071E-02	0.0	0.0
9361	2.914915E-02	8.112077E-03	7.173549E-03	0.0	0.0
9363	7.205242E-02	7.986566E-03	1.151713E-02	0.0	0.0
9367	6.888753E-02	7.654481E-03	1.980739E-02	0.0	0.0
9369	6.666774E-02	7.511098E-03	1.998600E-02	0.0	0.0
9371	8.566144E-02	1.232301E-02	-1.693433E-04	0.0	0.0
9373	0.0	1.146854E-02	2.944418E-02	0.0	0.0
9377	0.0	8.002780E-03	3.657819E-02	0.0	0.0
9379	8.116120E-02	7.079296E-03	1.297714E-02	0.0	0.0
11300	1.373278E-01	-2.431154E-03	-5.234616E-02	0.0	0.0
11503	9.541357E-02	-7.817719E-03	0.0	0.0	0.0
11507	9.709907E-02	-7.817719E-03	0.0	0.0	0.0
11531	8.218642E-03	-3.494320E-03	0.0	0.0	0.0
11533	7.014528E-03	-3.058388E-03	-8.229369E-02	0.0	0.0
11537	6.531656E-03	3.555492E-05	-7.349032E-02	0.0	0.0
11539	8.453857E-03	4.932620E-04	0.0	0.0	0.0
11543	3.737699E-02	3.479542E-03	-8.227772E-02	0.0	0.0
11547	3.685104E-02	3.479542E-03	-7.338619E-02	0.0	0.0
11561	5.249333E-02	1.901718E-02	-6.886236E-02	0.0	0.0
11564	6.042097E-02	1.908158E-02	-6.213134E-02	0.0	0.0
11567	5.814032E-02	-3.779789E-03	-7.318747E-02	0.0	0.0
11569	4.901195E-02	-3.735755E-03	-7.342297E-02	0.0	0.0
11571	6.349314E-02	0.0	-9.793286E-02	0.0	0.0
11579	6.120170E-02	0.0	-8.152592E-02	0.0	0.0
11700	1.351342E-01	-1.008358E-02	-6.309851E-02	0.0	0.0
11500	1.937040E-02	6.813306E-03	-1.605302E-01	0.0	0.0
13801	9.002219E-02	-4.863326E-03	-1.437166E-01	0.0	0.0
13803	9.506279E-02	-4.839234E-03	-1.438234E-01	0.0	0.0
13807	9.735543E-02	-5.212010E-03	-1.406394E-01	0.0	0.0
13809	9.353656E-02	-6.27949E-03	-1.380294E-01	0.0	0.0
13821	7.222211E-02	-4.038477E-03	-1.433973E-01	0.0	0.0
13823	7.010464E-02	-3.54130E-03	-1.430389E-01	0.0	0.0
13827	7.153094E-02	-2.548734E-03	-1.342746E-01	0.0	0.0
13829	7.564500E-02	-2.038315E-03	-1.370413E-01	0.0	0.0
13831	2.320085E-02	-2.268899E-03	-1.415561E-01	0.0	0.0
13833	3.443942E-02	-8.12712E-03	-1.392899E-01	0.0	0.0
13837	3.347948E-02	-2.012249E-04	-1.351632E-01	0.0	0.0
13839	2.333542E-02	1.272272E-04	-1.357554E-01	0.0	0.0
13841	0.0	2.805118E-03	-1.388920E-01	0.0	0.0
13843	3.497815E-02	2.211700E-03	-1.384222E-01	0.0	0.0
13847	3.447906E-02	2.324356E-03	-1.325975E-01	0.0	0.0
13848	3.676829E-02	-1.187927E-03	-1.303595E-01	0.0	0.0
13849	0.0	-6.678940E-04	-1.338763E-01	0.0	0.0
13861	4.412194E-02	8.812688E-03	-1.371500E-01	0.0	0.0
13863	4.239323E-02	8.887842E-03	-1.352775E-01	0.0	0.0
13867	4.377168E-02	-2.497361E-03	-1.255234E-01	0.0	0.0
13869	4.564433E-02	-2.371942E-03	-1.244215E-01	0.0	0.0
13871	4.184207E-02	0.0	-1.345016E-01	0.0	0.0
13874	1.004239E-02	0.0	-1.310039E-01	0.0	0.0
14801	9.002119E-02	-3.357027E-03	-1.232927E-01	0.0	0.0
14803	9.348184E-02	-3.62400E-03	-1.217707E-01	0.0	0.0
14807	9.352383E-02	-4.071027E-03	-1.177316E-01	0.0	0.0
14809	9.353456E-02	-3.957298E-03	-1.169607E-01	0.0	0.0
14821	7.183719E-02	-1.204049E-03	-1.240116E-01	0.0	0.0
14823	7.112020E-02	-1.428898E-03	-1.217707E-01	0.0	0.0
14827	7.271308E-02	-2.748446E-03	-1.177316E-01	0.0	0.0
14829	7.530212E-02	-2.979110E-03	-1.169690E-01	0.0	0.0



14931	2.578026E-02	3.294545E-03	-1.247077E-01	3.00	0.00	3.590893E-05
14932	4.221411E-03	2.624151E-03	-1.226903E-01	3.00	0.00	2.027456E-04
14933	4.188579E-02	-3.092926E-03	-1.185831E-01	0.00	0.00	0.00
14934	2.612849E-02	-3.776621E-03	-1.174966E-01	0.00	0.00	0.00
14935	3.563677E-03	3.563677E-03	-1.252838E-01	0.00	0.00	0.00
14936	3.743564E-02	3.206150E-03	-1.242357E-01	0.00	0.00	0.00
14937	3.628716E-02	2.444217E-04	-1.202731E-01	0.00	0.00	0.00
14938	0.00	-2.115747E-04	-1.180331E-01	0.00	0.00	0.00
14939	3.480539E-02	4.194614E-03	-1.254472E-01	0.00	0.00	0.00
14940	3.763450E-02	4.118808E-03	-1.247276E-01	0.00	0.00	0.00
14941	3.505587E-02	2.386354E-03	-1.237471E-01	0.00	0.00	0.00
14942	3.456425E-02	2.218678E-03	-1.186641E-01	0.00	0.00	0.00
14943	1.136464E-02	7.705182E-03	-1.146317E-01	0.00	0.00	0.00
14944	-1.650316E-02	7.177826E-03	-1.092814E-01	0.00	0.00	0.00
14945	1.749594E-02	3.720156E-03	-1.052555E-01	0.00	0.00	0.00
14946	7.266611E-03	3.052456E-03	-1.077418E-01	0.00	0.00	0.00
14947	6.502972E-02	-2.676468E-03	-1.127874E-01	0.00	0.00	0.00
14948	8.773983E-02	-2.717725E-03	-1.071730E-01	-2.467940E-04	-2.492917E-03	3.590893E-05
14949	8.699143E-02	-2.820398E-03	-1.041261E-01	-1.467440E-04	-2.543303E-03	2.027456E-04
14950	9.348184E-02	-3.358561E-03	-1.020516E-01	0.00	0.00	0.00
14951	9.552383E-02	-2.467317E-03	-9.761649E-02	0.00	0.00	0.00
14952	9.082526E-02	-2.209011E-03	-9.673429E-02	0.00	0.00	0.00
14953	7.182084E-02	-1.270357E-03	-1.046457E-01	0.00	0.00	0.00
14954	7.106016E-02	-1.146818E-03	-1.024637E-01	0.00	0.00	0.00
14955	7.288796E-02	-1.138710E-03	-1.000773E-01	0.00	0.00	0.00
14956	7.305169E-02	-1.144746E-03	-9.730278E-02	0.00	0.00	0.00
14957	7.530481E-02	-9.718577E-04	-9.651130E-02	0.00	0.00	0.00
14958	4.827101E-02	0.00	-1.050730E-01	0.00	0.00	0.00
14959	-2.999674E-04	6.347764E-03	-9.147865E-02	0.00	0.00	0.00
14960	-1.643966E-02	6.167058E-03	0.00	0.00	0.00	0.00
14961	-2.044655E-02	5.509617E-03	0.00	0.00	0.00	0.00
14962	-1.841043E-02	5.258931E-03	0.00	0.00	0.00	0.00
14963	-5.516127E-03	5.351756E-03	-5.037532E-02	0.00	0.00	0.00
14964	4.217086E-02	3.942642E-03	-8.845567E-02	0.00	0.00	0.00
14965	9.322462E-02	1.067797E-03	-3.862408E-02	0.00	0.00	0.00
14966	7.606189E-02	3.054312E-04	-3.689893E-02	0.00	0.00	0.00
14967	6.626512E-02	4.993607E-04	-3.404354E-02	0.00	0.00	0.00
14968	9.485441E-02	3.155645E-04	-3.288851E-02	0.00	0.00	0.00
14969	7.513374E-02	3.977075E-03	-3.977112E-02	0.00	0.00	0.00
14970	7.577151E-02	3.479365E-03	-3.766462E-02	0.00	0.00	0.00
14971	7.529372E-02	2.649017E-03	-3.581397E-02	0.00	0.00	0.00
14972	7.661122E-02	1.980515E-03	-3.493333E-02	0.00	0.00	0.00
14973	8.016503E-02	1.414297E-03	-3.292377E-02	0.00	0.00	0.00
14974	6.037413E-02	-9.015067E-04	-3.292315E-02	0.00	0.00	0.00
14975	0.00	4.022416E-04	-3.692713E-02	0.00	0.00	0.00
14976	0.00	4.111707E-03	-3.459216E-02	0.00	0.00	0.00
14977	0.00	4.104446E-03	-3.551930E-02	0.00	0.00	0.00
14978	6.250036E-02	9.045597E-03	-3.661124E-02	0.00	0.00	0.00
14979	5.416333E-02	-1.165297E-02	-3.992545E-02	-2.333311E-03	-1.689321E-03	7.574847E-03
14980	6.834667E-02	-1.221634E-02	-3.625506E-02	-4.760206E-03	-4.760206E-03	6.598528E-03
14981	9.050363E-02	-3.259900E-03	-3.313147E-02	-7.822629E-03	-7.822629E-03	6.191254E-03
14982	1.216638E-01	-1.192426E-03	-3.101360E-02	0.00	0.00	3.219855E-03
14983	1.321278E-01	4.726421E-03	-2.950848E-02	0.00	0.00	3.450876E-04
14984	1.251864E-01	1.074221E-02	-3.309921E-02	0.00	0.00	-2.776456E-03
14985	9.442294E-02	1.816566E-02	-3.309921E-02	0.00	0.00	-6.621463E-03
14986	7.052747E-02	2.028146E-02	-3.732131E-02	1.209478E-03	-6.098149E-03	-7.164063E-03
14987	5.895248E-02	2.183929E-02	-3.080543E-02	-2.641131E-03	-2.980857E-03	-8.421822E-03
14988	5.059009E-02	-6.726751E-03	-3.693177E-02	-2.471411E-03	-1.632841E-03	5.931769E-03
14989	6.195214E-02	-7.927025E-03	-3.932371E-02	-1.171880E-03	-4.577979E-03	5.503871E-03
14990	6.185655E-02	1.507641E-02	-3.712171E-02	-1.488157E-03	-5.395375E-03	-6.298941E-03
14991	4.809944E-02	1.594919E-02	-3.123603E-02	-2.994084E-03	-2.724931E-03	-6.953035E-03
14992	4.274447E-02	4.393177E-02	-3.393451E-02	-3.399437E-03	-1.710607E-03	-3.122316E-03
14993	3.684844E-02	4.369677E-03	-3.640757E-02	-6.324515E-04	-4.773524E-03	-2.814512E-03
14994	3.244438E-02	-1.481660E-03	-3.763451E-02	1.156702E-03	-5.702943E-03	2.142846E-03
14995	3.646747E-02	-7.590617E-03	-4.101671E-02	2.974312E-03	-2.397486E-03	2.435738E-03

18661	G	3.880943E-02	1.270543E-02	-3.823812E-02	-2.649265E-03	-1.412767E-03	-5.399628E-03
18662	G	2.927323E-02	1.168073E-02	-3.636633E-02	-4.547378E-04	-2.865671E-03	-4.195374E-03
18663	G	1.245073E-02	1.034349E-02	-3.429625E-02	-5.029235E-04	-4.314572E-03	-5.807042E-03
18664	G	-3.681934E-03	6.244957E-03	-2.988711E-02	0.0	0.0	-2.014932E-03
18665	G	9.886452E-03	7.772368E-03	-2.400815E-02	0.0	0.0	-1.387150E-04
18666	G	-5.409397E-03	-7.824348E-04	-2.973735E-02	0.0	0.0	1.674733E-03
18667	G	1.095743E-02	-5.162462E-03	-3.446625E-02	-2.758447E-04	-4.169609E-03	3.285238E-03
18668	G	2.294831E-02	-6.626431E-03	-3.759037E-02	-7.503596E-04	-2.927492E-03	3.674554E-03
18669	G	3.153030E-02	-7.743757E-03	-4.014754E-02	3.127264E-03	-1.681944E-03	4.975248E-03
18670	G	-1.049914E-02	4.673395E-03	-3.590690E-02	0.0	0.0	0.0
18671	G	-3.503157E-02	4.323896E-03	-3.564447E-02	-5.029235E-04	-4.123114E-03	-9.920695E-05
18672	G	-2.557103E-02	1.440557E-03	-3.200121E-02	0.0	0.0	0.0
18673	G	3.748694E-02	-1.861101E-03	-3.595849E-02	-2.758447E-04	-3.935423E-03	-9.920694E-05
18674	G	-1.596475E-02	-2.266581E-03	-3.744088E-02	0.0	0.0	0.0
18675	G	-4.054263E-02	4.229743E-03	-2.496733E-02	0.0	0.0	0.0
18676	G	-2.958844E-02	-2.154906E-03	-2.401013E-02	0.0	0.0	0.0
18677	G	6.932866E-02	-1.717038E-02	-5.513765E-03	-6.221935E-03	-3.133103E-03	6.606095E-05
18678	G	1.049293E-01	-3.739697E-03	2.325493E-02	-1.343398E-03	-2.134803E-03	5.595942E-05
18679	G	1.129951E-01	-3.79357E-03	2.327072E-02	0.0	0.0	4.985794E-03
18680	G	1.256149E-01	5.246114E-03	3.522456E-02	-8.437198E-03	-7.325612E-03	4.181448E-03
18681	G	1.113770E-01	1.447906E-02	2.406202E-02	0.0	0.0	3.258679E-03
18682	G	1.026774E-01	1.705039E-02	2.442176E-02	0.0	0.0	-8.699954E-05
18683	G	6.186524E-02	2.518349E-02	7.285919E-03	1.133201E-03	-8.722756E-03	-3.523596E-03
18684	G	5.157939E-02	1.740792E-02	6.012574E-03	4.336304E-03	-7.579678E-03	-4.502885E-03
18685	G	5.006275E-02	1.134017E-02	2.688333E-02	-5.653445E-03	-2.579790E-03	-5.352944E-03
18686	G	4.542556E-02	-1.803478E-03	2.379647E-02	-5.73769E-04	-7.146660E-03	-7.256784E-04
18687	G	4.426860E-02	-8.534115E-03	7.73627E-03	3.306207E-04	-7.401321E-03	-4.531245E-04
18688	G	4.493004E-02	1.782833E-02	6.156466E-03	4.007411E-03	-2.958036E-03	-4.775909E-04
18689	G	2.262046E-02	1.417477E-02	2.334088E-02	-1.318546E-03	-2.755559E-03	-1.625546E-03
18690	G	2.950168E-02	1.231666E-02	2.677839E-02	-2.316949E-03	-7.048972E-03	-1.574244E-03
18691	G	2.315744E-02	5.014319E-03	3.578961E-02	0.0	0.0	-1.300547E-03
18692	G	4.523763E-02	-2.452955E-03	2.758373E-02	0.0	0.0	-2.859379E-04
18693	G	2.739872E-02	-4.417975E-03	2.347356E-02	-2.239298E-03	-8.412674E-04	8.291848E-04
18694	G	3.664530E-02	-8.306604E-03	7.935241E-03	-1.17726E-03	-3.157600E-03	1.169693E-03
18695	G	-5.572001E-02	1.711147E-02	7.539050E-02	0.0	0.0	-2.28859E-03
18696	G	-5.774870E-02	1.511064E-03	8.174302E-02	0.0	0.0	9.961387E-04
18697	G	8.342135E-02	-3.548176E-03	7.284212E-02	0.0	0.0	4.532507E-04
18698	G	7.827681E-02	-1.900933E-03	8.17540E-02	0.0	0.0	0.0
18699	G	7.508304E-02	4.690581E-04	8.823103E-02	0.0	0.0	0.0
18700	G	7.399849E-02	2.88578E-03	8.983454E-02	0.0	0.0	0.0
18701	G	7.204008E-02	4.548435E-03	8.873230E-02	0.0	0.0	0.0
18702	G	7.412332E-02	5.441591E-03	7.550960E-02	-2.749374E-03	-4.335757E-03	1.906097E-03
18703	G	8.360529E-02	5.730096E-03	8.523661E-02	0.0	-4.295041E-03	1.500715E-02
18704	G	8.553457E-02	7.628161E-03	9.196997E-02	0.0	-3.57724E-03	-9.051217E-04
18705	G	6.845939E-02	9.530999E-03	9.244293E-02	0.0	-2.858640E-03	-1.666703E-03
18706	G	5.924164E-02	9.799257E-03	8.606851E-02	2.387355E-03	-2.818724E-03	-1.616911E-03
18707	G	5.235735E-02	9.637579E-03	7.615870E-02	0.0	0.0	0.0
18708	G	5.640427E-02	1.016824E-02	8.768010E-02	2.331514E-04	-9.033576E-03	0.0
18709	G	6.536451E-02	1.024303E-02	9.092736E-02	0.0	0.0	0.0
18710	G	6.162731E-02	1.102668E-02	9.571345E-02	0.0	0.0	0.0
18711	G	5.033005E-02	1.107129E-02	9.437799E-02	-2.298227E-04	-8.668855E-03	0.0
18712	G	4.165140E-02	1.158461E-02	8.690095E-02	0.0	0.0	0.0
18713	G	-5.564151E-02	1.934352E-02	9.186012E-02	-2.456107E-03	-8.722275E-03	9.950586E-04
18714	G	-5.769179E-02	2.594123E-03	9.823694E-02	-2.482836E-03	-8.443143E-03	5.207886E-04
18715	G	0.0	1.220388E-02	1.437705E-01	-3.492706E-04	0.0	0.0
18716	G	8.812785E-02	-4.582860E-03	7.441171E-02	0.0	0.0	0.0
18717	G	8.848780E-02	-5.688384E-03	7.726326E-02	0.0	0.0	0.0
18718	G	8.605433E-02	-4.734822E-03	8.687210E-02	0.0	0.0	0.0
18719	G	8.171266E-02	-3.80424E-03	8.921969E-02	0.0	0.0	0.0
18720	G	8.223456E-02	-2.987615E-03	7.644254E-02	0.0	0.0	0.0
18721	G	7.830642E-02	-2.089986E-03	7.603651E-02	0.0	0.0	0.0
18722	G	7.517326E-02	-1.145436E-03	8.250862E-02	0.0	0.0	0.0
18723	G	7.329766E-02	-3.954631E-04	8.738852E-02	0.0	0.0	0.0
18724	G	7.168674E-02	-4.249800E-06	9.224727E-02	0.0	0.0	0.0
18725	G	8.493477E-02	-4.614476E-03	7.952419E-02	0.0	0.0	0.0
18726	G	7.815284E-02	-5.206186E-03	9.475058E-02	0.0	0.0	0.0



61912	4.051863E-02	1.817048E-02	4.316448E-02	-3.288886E-03	-2.355755E-04	-5.930003E-03
61913	4.710281E-02	1.393819E-02	4.316448E-02	-3.288886E-03	-2.355755E-04	-5.940149E-03
61914	4.710281E-02	1.001523E-02	4.316448E-02	-3.288886E-03	-2.355755E-04	-3.317645E-03
61915	4.243543E-02	-1.061259E-02	4.320961E-02	-2.943899E-03	-5.429201E-04	-1.722640E-03
61917	4.297889E-02	-1.355944E-02	4.320961E-02	-2.943899E-03	-5.429201E-04	-1.722640E-03
61918	4.362443E-02	1.705973E-02	4.320961E-02	-2.943899E-03	-5.429201E-04	-1.722640E-03
61920	5.046881E-02	3.042610E-02	4.368439E-03	-8.511789E-03	-2.754707E-03	4.009862E-03
61923	5.289294E-02	2.291573E-02	4.368439E-03	-8.511789E-03	-2.754707E-03	4.009862E-03
61924	5.312427E-02	1.604118E-02	4.368439E-03	-8.511789E-03	-2.754707E-03	4.009862E-03
61926	5.804747E-02	-1.094263E-02	4.529230E-03	-9.467538E-03	-1.884790E-03	6.460242E-03
61927	5.932913E-02	-1.738056E-02	4.529230E-03	-9.467538E-03	-1.884790E-03	6.460242E-03
61928	6.125161E-02	-2.703746E-02	4.529230E-03	-9.467538E-03	-1.884790E-03	6.460242E-03
61934	6.818759E-02	1.352599E-02	6.259578E-02	-1.226727E-02	-3.40164E-03	1.401639E-03
61935	7.096733E-02	5.674906E-03	6.259578E-02	-1.226727E-02	-3.40164E-03	1.401639E-03
61936	7.400346E-02	-2.912142E-03	6.259578E-02	-1.226727E-02	-3.40164E-03	1.401639E-03
62211	2.631421E-02	4.849954E-02	6.411588E-02	0.0	0.0	5.309403E-03
62213	3.046989E-02	2.302913E-02	6.411588E-02	0.0	0.0	0.0
62217	4.567401E-02	-1.907508E-02	6.411588E-02	-8.779936E-03	-1.765272E-03	5.445204E-03
62219	4.955430E-02	-4.163775E-02	6.411588E-02	0.0	0.0	5.445204E-03
62221	3.019151E-02	5.604504E-02	3.831545E-02	-1.712560E-02	-9.832527E-03	3.730110E-03
62224	3.729053E-02	2.631535E-02	3.831545E-02	-1.712560E-02	-9.832527E-03	3.730110E-03
62226	5.126353E-02	-1.448839E-02	3.831545E-02	-1.712560E-02	-9.832527E-03	3.730110E-03
62229	5.687255E-02	-3.531312E-02	3.831545E-02	-1.712560E-02	-9.832527E-03	3.730110E-03
62231	5.188207E-02	2.581400E-02	3.831545E-02	-1.712560E-02	-9.832527E-03	3.730110E-03
62239	5.855465E-02	-2.397072E-03	1.526444E-02	-1.456558E-02	-4.85987E-03	1.854398E-03
62811	8.053005E-03	5.281169E-02	1.539270E-02	-1.382500E-02	-6.110154E-03	3.243309E-03
62819	3.367701E-02	-3.102573E-02	-1.256080E-01	-1.695754E-02	-3.598773E-03	4.830014E-03
62821	1.292282E-02	6.285083E-02	-1.008425E-01	0.0	0.0	0.0
62829	3.919108E-02	-2.954918E-02	-1.008425E-01	0.0	0.0	0.0
62831	3.299918E-02	3.223028E-02	-1.008425E-01	0.0	0.0	0.0
62839	3.986116E-02	5.843472E-03	-5.408752E-02	0.0	0.0	0.0
63411	-6.631855E-03	6.383544E-02	-1.861131E-01	0.0	0.0	0.0
63419	1.379405E-02	-2.768312E-02	-1.860374E-01	0.0	0.0	0.0
63421	-2.644851E-03	7.038301E-02	-1.630338E-01	0.0	0.0	0.0
63429	1.978198E-02	-2.377465E-02	-1.632370E-01	0.0	0.0	0.0
63431	1.473633E-02	3.926897E-02	-1.632370E-01	0.0	0.0	0.0
63439	2.053172E-02	1.343334E-02	-1.238213E-01	0.0	0.0	0.0
64211	-3.326534E-02	7.851774E-02	-2.894551E-01	0.0	0.0	0.0
64219	-1.815347E-02	-1.808411E-02	-2.894551E-01	0.0	0.0	0.0
64221	-2.937410E-02	8.184260E-02	-2.894551E-01	0.0	0.0	0.0
64229	-9.878293E-03	1.370090E-02	-2.654092E-01	-1.282480E-02	-2.375332E-03	4.599295E-04
64231	-1.465292E-02	5.103700E-02	-2.302645E-01	0.0	0.0	0.0
64239	-8.816570E-03	2.389719E-02	-2.303492E-01	0.0	0.0	0.0
65011	-6.492209E-02	9.182298E-02	-4.058299E-01	0.0	0.0	0.0
65019	-4.855481E-02	-3.090819E-03	-4.058299E-01	0.0	0.0	0.0
65021	-6.001643E-02	9.346114E-02	-3.802930E-01	0.0	0.0	0.0
65029	-4.186425E-02	-1.180724E-03	-3.802930E-01	0.0	0.0	0.0
65031	-4.632428E-02	6.391048E-02	-3.670590E-01	0.0	0.0	0.0
65039	-4.044812E-02	3.513045E-02	-3.671124E-01	0.0	0.0	0.0
65911	-1.006045E-01	1.023167E-01	-5.349405E-01	0.0	0.0	0.0
65919	-8.344130E-02	1.085121E-02	-5.349405E-01	0.0	0.0	0.0
65921	-9.457123E-02	1.015466E-01	-5.079201E-01	0.0	0.0	0.0
65929	-7.648295E-02	1.592395E-02	-5.084345E-01	0.0	0.0	0.0
65931	-8.116877E-02	7.694614E-02	-4.744234E-01	-1.556792E-02	-3.466492E-03	-3.439374E-04
65939	-7.479209E-02	4.809066E-02	-4.744234E-01	0.0	0.0	0.0
71912	3.871383E-02	-1.365591E-02	-4.582794E-02	3.835091E-03	-6.727581E-04	5.553659E-03
71913	3.957947E-02	-8.7148E-03	-4.582794E-02	3.835091E-03	-6.727581E-04	5.553659E-03
71914	4.038227E-02	-4.77888E-03	-4.582794E-02	3.835091E-03	-6.727581E-04	5.553659E-03
71916	3.908883E-02	2.049102E-02	-4.582794E-02	3.835091E-03	-6.727581E-04	5.553659E-03
71917	4.096011E-02	2.358672E-02	-4.582794E-02	3.835091E-03	-6.727581E-04	5.553659E-03
71918	4.318780E-02	2.778874E-02	-4.582794E-02	3.835091E-03	-6.727581E-04	5.553659E-03
71922	4.249731E-02	-2.281149E-02	-3.376129E-03	9.218939E-03	-1.04659E-03	4.968957E-03
71923	4.522941E-02	-1.465803E-02	-3.376129E-03	9.218939E-03	-1.04659E-03	4.968957E-03
71924	4.774418E-02	-7.231485E-03	-3.376129E-03	9.218939E-03	-1.04659E-03	4.968957E-03
71926	5.224264E-02	2.44714E-02	-3.499791E-03	1.030700E-02	-2.115726E-03	-5.731989E-03
71927	5.368133E-02	2.947591E-02	-3.499791E-03	1.030700E-02	-2.115726E-03	-5.731989E-03

71928	2.563937E-02	1.998905E-02	-1.499791E-03	1.030700E-02	-1.15726E-03	-1.365555E-03
71934	5.487550E-02	9.284523E-04	7.189174E-02	1.358311E-02	-2.514237E-03	-2.524435E-03
71935	5.667701E-02	9.621654E-03	7.189174E-02	1.358311E-02	-2.514237E-03	-1.595912E-03
71936	5.864698E-02	1.912984E-02	6.902921E-02	1.354313E-02	-2.514237E-03	-2.191731E-03
72111	1.761509E-02	-1.1555E-02	-6.902921E-02	0.0	0.0	0.0
72213	2.258159E-02	-1.1555E-02	-6.911455E-02	9.7781390E-03	1.354444E-03	-5.65473E-04
72217	4.012361E-02	2.04330E-02	7.147708E-02	1.111676E-02	6.135215E-04	-7.343701E-04
72219	4.419371E-02	5.373315E-02	7.142134E-02	0.0	0.0	0.0
72221	2.167634E-04	-1.10461E-02	-1.981365E-02	1.886634E-02	-1.133159E-04	-5.79275E-04
72224	4.524324E-02	2.047799E-02	-4.012273E-02	1.276386E-02	-2.912039E-03	-6.286374E-03
72229	5.169893E-02	5.928174E-02	-4.091355E-02	1.262167E-02	-1.12560E-03	-2.054976E-03
72231	4.462083E-02	-1.239858E-02	-4.100385E-02	1.599171E-02	-1.665524E-03	-1.825763E-03
72239	5.197330E-02	1.558680E-02	1.920285E-02	1.599712E-02	-2.844653E-03	-2.722533E-03
72811	-1.122665E-03	-5.088639E-02	-1.369402E-01	0.0	0.0	0.0
72819	2.739529E-02	4.194747E-02	-1.370786E-01	0.0	0.0	0.0
72821	4.290037E-03	-5.828974E-02	-1.090943E-01	0.0	0.0	0.0
72829	3.367871E-02	4.333109E-02	-1.08724E-01	0.0	0.0	0.0
72831	2.672673E-02	-1.939298E-02	-5.643602E-02	0.0	0.0	0.0
72839	3.440771E-02	9.51866E-03	-5.652264E-02	0.0	0.0	0.0
73411	-1.569761E-02	-6.25215E-02	-2.037168E-01	0.0	0.0	0.0
73419	7.373664E-03	3.881176E-02	-2.036113E-01	0.0	0.0	0.0
73421	-1.596405E-02	-6.625766E-02	-1.774986E-01	0.0	0.0	0.0
73429	1.434832E-02	3.742224E-02	-1.777136E-01	0.0	0.0	0.0
73431	8.256782E-03	-2.711969E-02	-1.328667E-01	0.0	0.0	0.0
73439	1.520130E-02	1.252787E-03	-1.329629E-01	0.0	0.0	0.0
74211	-4.210880E-02	-7.304632E-02	-3.164101E-01	0.0	0.0	0.0
74219	-2.257654E-02	2.862244E-02	-3.160592E-01	0.0	0.0	0.0
74221	3.762327E-02	-7.31557E-02	-2.900490E-01	0.0	0.0	0.0
74229	1.543984E-02	2.695174E-02	-2.901756E-01	0.0	0.0	0.0
74231	-2.085041E-02	-4.004457E-02	-2.502426E-01	0.0	0.0	0.0
74239	-1.422844E-02	-9.10109E-02	-2.503175E-01	0.0	0.0	0.0
75011	-7.429324E-02	-9.211204E-02	-4.459624E-01	0.0	0.0	0.0
75019	5.556754E-02	1.272179E-02	-4.455035E-01	0.0	0.0	0.0
75021	-6.464625E-02	9.077656E-02	-4.167683E-01	0.0	0.0	0.0
75029	4.793710E-02	1.377266E-02	-4.166043E-01	0.0	0.0	0.0
75031	-5.301203E-02	-5.421761E-02	-3.788932E-01	0.0	0.0	0.0
75039	-4.631403E-02	-2.246537E-02	-3.759518E-01	0.0	0.0	0.0
75511	-1.108915E-01	-1.030678E-01	-5.906432E-01	0.0	0.0	0.0
75519	-9.132463E-02	-1.084646E-02	-5.928565E-01	0.0	0.0	0.0
75921	-1.039923E-01	-9.18153E-03	-5.576049E-01	0.0	0.0	0.0
75929	-8.338487E-02	-4.437700E-03	-5.583846E-01	1.722633E-02	-3.943145E-03	7.332931E-04
75931	-8.871937E-02	-6.859696E-02	-5.194486E-01	0.0	0.0	0.0
75939	-8.146477E-02	-3.67277E-02	-5.194401E-01	0.0	0.0	0.0
122400	1.567965E-01	2.793024E-02	1.332083E-01	-8.516981E-05	5.133196E-04	-2.804941E-04
123467	7.525867E-02	1.248552E-02	1.069785E-01	0.0	0.0	0.0
123487	1.539530E-01	2.477198E-02	1.286993E-01	0.0	0.0	0.0
124800	1.587965E-01	2.122634E-02	1.209400E-01	-8.516981E-05	5.133196E-04	-2.804941E-04
125063	8.575231E-02	1.236957E-03	1.115952E-01	0.0	0.0	0.0
125065	8.281791E-02	1.411136E-03	1.218011E-01	0.0	0.0	0.0
125067	7.520574E-02	1.773073E-03	1.225378E-01	0.0	0.0	0.0
125383	1.592320E-01	1.925849E-02	1.172069E-01	0.0	0.0	0.0
125387	1.524509E-01	1.925849E-02	1.192051E-01	0.0	0.0	0.0
126863	9.48142E-02	-6.75007E-03	9.26825E-02	0.0	0.0	0.0
126867	8.777088E-01	-6.95178E-03	9.29215E-02	0.0	0.0	0.0
127200	1.587965E-01	1.476999E-02	1.082006E-01	-8.516981E-05	5.133196E-04	-2.804941E-04
189073	-2.247411E-01	-2.940346E-03	-1.973209E-01	1.754792E-03	-2.956818E-02	1.36548E-04
189077	-2.247411E-01	-2.940346E-03	-1.973209E-01	1.754792E-03	-2.956818E-02	1.36548E-04
200070	-2.264911E-03	1.171728E-02	1.278194E-01	1.754792E-03	-2.956818E-02	1.36548E-04
200078	-2.703028E-01	-1.56605E-03	1.27893E-01	1.754792E-03	-2.956818E-02	1.36548E-04
200079	-2.703028E-01	-1.56605E-03	1.27893E-01	1.754792E-03	-2.956818E-02	1.36548E-04
200086	-5.256693E-01	-1.902132E-02	1.284026E-01	1.981619E-03	-3.413847E-02	1.36548E-04
200087	-4.856133E-01	-1.686769E-02	1.284026E-01	1.768691E-03	-3.001517E-02	1.36548E-04
200095	-7.941701E-01	-3.468868E-02	1.289048E-01	1.597155E-03	-2.611542E-02	1.36548E-04
200096	-7.941701E-01	-3.468868E-02	1.289048E-01	1.597155E-03	-2.611542E-02	1.36548E-04
203101	-9.2143556E-01	-6.240958E-02	1.792305E-01	1.166055E-03	-1.868191E-02	1.36548E-04

200106	G	-1.00000000	00	-4.729504E-02	1.298418E-01	6.782119E-04	-1.036724E-02	1.365848E-04
200114	G	-1.377672E-00	00	-4.973913E-02	1.307672E-01	-6.437645E-05	3.433682E-03	1.365848E-04
200121	G	-9.815970E-01	01	-4.705478E-02	1.315817E-01	-0.005283E-03	1.543304E-02	1.365848E-04
200129	G	-7.878784E-01	01	-3.880564E-02	1.324821E-01	-1.332477E-03	2.744197E-02	1.365848E-04
200137	G	-5.313991E-01	01	-2.620352E-02	1.324821E-01	-1.788780E-03	3.512324E-02	1.365848E-04
200145	G	-2.190930E-01	01	-1.066875E-02	1.324821E-01	-0.63737E-03	4.135959E-02	1.365848E-04
200153	G	1.105272E-01	01	5.801104E-03	1.324821E-01	-2.151733E-03	4.303540E-02	1.365848E-04
200155	G	2.056352E-01	01	1.055641E-02	1.324821E-01	-2.151733E-03	4.303540E-02	1.365848E-04
211001	G	-3.634214E-01	01	2.835071E-01	7.525313E-02	-2.311581E-03	4.690862E-02	7.08E-03
211002	G	-4.580120E-01	01	-9.924621E-02	1.756805E-01	-2.733835E-03	6.071933E-03	7.08E-03
211073	G	-2.281411E-01	01	3.403491E-05	4.960741E-01	1.754792E-03	-2.956818E-02	7.08E-03
211077	G	-2.287611E-01	01	3.403491E-05	4.960741E-01	1.754792E-03	-2.956818E-02	7.08E-03
214901	G	-2.284511E-01	01	4.136849E-04	5.565581E-01	1.754792E-03	-2.956818E-02	7.08E-03
214902	G	-3.634214E-01	01	1.484635E-03	-5.575710E-02	-2.311581E-03	4.690862E-02	7.08E-03
215101	G	-4.580120E-01	01	-3.871488E-02	-6.37373E-02	-2.733835E-03	6.071933E-03	7.08E-03
215102	G	-1.199620E-01	01	-1.362405E-03	-8.487189E-02	-8.399729E-04	1.477707E-02	9.388633E-03
215104	G	8.773983E-02	02	-2.634927E-03	-8.37373E-02	7.498823E-04	1.931243E-02	8.423624E-03
215201	G	8.502972E-02	02	-2.777725E-03	-1.071708E-01	-8.362355E-04	1.770137E-02	5.070604E-03
215202	G	-3.625203E-01	01	-2.876468E-03	-1.127874E-01	8.175496E-04	1.972028E-02	5.291183E-03
222001	G	-4.566283E-01	01	-1.955468E-01	3.949907E-01	-8.175033E-02	1.862866E-03	5.943656E-03
222201	G	-1.028699E-01	01	-3.843803E-02	2.196038E-01	-8.253288E-03	7.656313E-03	2.329131E-03
222202	G	-1.162740E-01	01	-3.201403E-02	2.71003E-02	-1.084433E-02	1.518132E-02	7.404608E-03
222301	G	7.815284E-02	02	-3.208186E-03	7.475053E-02	-6.854495E-03	1.888659E-02	7.93532E-03
222302	G	8.493677E-02	02	-4.61478E-03	7.952814E-02	-1.803044E-03	1.779281E-02	4.386344E-03
223401	G	-3.625203E-01	01	-3.715538E-01	3.998800E-01	-1.475033E-02	1.862866E-03	5.943656E-03
223402	G	-4.566283E-01	01	-1.616579E-01	1.472750E-01	-8.253288E-03	7.656313E-03	2.329131E-03
520018	G	-2.788820E-01	01	-3.180309E-02	1.171722E-02	2.494228E-02	-6.933436E-03	2.789633E-02
520024	G	-2.961789E-01	01	-3.180309E-02	1.171722E-02	2.494228E-02	-6.933436E-03	2.789633E-02
520057	G	-3.897036E-01	01	-3.180404E-02	9.439492E-02	2.413970E-02	-6.933436E-03	2.790214E-02
520065	G	-4.133646E-01	01	-3.180425E-02	1.165888E-01	2.498231E-02	-6.933436E-03	3.032167E-02
520068	G	-4.253696E-01	01	-3.180435E-02	1.246323E-01	2.742231E-02	-6.933436E-03	3.201112E-02
520079	G	-6.62501E-01	01	-3.180647E-02	1.569227E-01	2.863960E-02	-6.933436E-03	3.289515E-02
520135	G	-6.967376E-01	01	-3.182153E-02	3.332987E-01	3.416167E-02	-6.933436E-03	3.533714E-02
520139	G	-7.158087E-01	01	-3.182293E-02	3.473399E-01	3.432176E-02	-6.933436E-03	4.034919E-02
520152	G	-7.772810E-01	01	-3.182738E-02	3.924809E-01	3.452732E-02	-6.933436E-03	4.866765E-02
520185	G	-9.324772E-01	01	-3.182738E-02	5.063517E-01	3.452732E-02	-6.933436E-03	4.705795E-02

BASIC MISSION WEIGHT CONFIGURATION - 3933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
EIGENVALUE # 2.556380E-04

POINT ID.	TYPE	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17	T18	T19	T20	T21	T22	T23	T24	T25	T26	T27	T28	T29	T30	T31	T32	T33	T34	T35	T36	T37	T38	T39	T40	T41	T42	T43	T44	T45	T46	T47	T48	T49	T50	T51	T52	T53	T54	T55	T56	T57	T58	T59	T60	T61	T62	T63	T64	T65	T66	T67	T68	T69	T70	T71	T72	T73	T74	T75	T76	T77	T78	T79	T80	T81	T82	T83	T84	T85	T86	T87	T88	T89	T90	T91	T92	T93	T94	T95	T96	T97	T98	T99	T100	T101	T102	T103	T104	T105	T106	T107	T108	T109	T110	T111	T112	T113	T114	T115	T116	T117	T118	T119	T120	T121	T122	T123	T124	T125	T126	T127	T128	T129	T130	T131	T132	T133	T134	T135	T136	T137	T138	T139	T140	T141	T142	T143	T144	T145	T146	T147	T148	T149	T150	T151	T152	T153	T154	T155	T156	T157	T158	T159	T160	T161	T162	T163	T164	T165	T166	T167	T168	T169	T170	T171	T172	T173	T174	T175	T176	T177	T178	T179	T180	T181	T182	T183	T184	T185	T186	T187	T188	T189	T190	T191	T192	T193	T194	T195	T196	T197	T198	T199	T200	T201	T202	T203	T204	T205	T206	T207	T208	T209	T210	T211	T212	T213	T214	T215	T216	T217	T218	T219	T220	T221	T222	T223	T224	T225	T226	T227	T228	T229	T230	T231	T232	T233	T234	T235	T236	T237	T238	T239	T240	T241	T242	T243	T244	T245	T246	T247	T248	T249	T250	T251	T252	T253	T254	T255	T256	T257	T258	T259	T260	T261	T262	T263	T264	T265	T266	T267	T268	T269	T270	T271	T272	T273	T274	T275	T276	T277	T278	T279	T280	T281	T282	T283	T284	T285	T286	T287	T288	T289	T290	T291	T292	T293	T294	T295	T296	T297	T298	T299	T300	T301	T302	T303	T304	T305	T306	T307	T308	T309	T310	T311	T312	T313	T314	T315	T316	T317	T318	T319	T320	T321	T322	T323	T324	T325	T326	T327	T328	T329	T330	T331	T332	T333	T334	T335	T336	T337	T338	T339	T340	T341	T342	T343	T344	T345	T346	T347	T348	T349	T350	T351	T352	T353	T354	T355	T356	T357	T358	T359	T360	T361	T362	T363	T364	T365	T366	T367	T368	T369	T370	T371	T372	T373	T374	T375	T376	T377	T378	T379	T380	T381	T382	T383	T384	T385	T386	T387	T388	T389	T390	T391	T392	T393	T394	T395	T396	T397	T398	T399	T400	T401	T402	T403	T404	T405	T406	T407	T408	T409	T410	T411	T412	T413	T414	T415	T416	T417	T418	T419	T420	T421	T422	T423	T424	T425	T426	T427	T428	T429	T430	T431	T432	T433	T434	T435	T436	T437	T438	T439	T440	T441	T442	T443	T444	T445	T446	T447	T448	T449	T450	T451	T452	T453	T454	T455	T456	T457	T458	T459	T460	T461	T462	T463	T464	T465	T466	T467	T468	T469	T470	T471	T472	T473	T474	T475	T476	T477	T478	T479	T480	T481	T482	T483	T484	T485	T486	T487	T488	T489	T490	T491	T492	T493	T494	T495	T496	T497	T498	T499	T500	T501	T502	T503	T504	T505	T506	T507	T508	T509	T510	T511	T512	T513	T514	T515	T516	T517	T518	T519	T520	T521	T522	T523	T524	T525	T526	T527	T528	T529	T530	T531	T532	T533	T534	T535	T536	T537	T538	T539	T540	T541	T542	T543	T544	T545	T546	T547	T548	T549	T550	T551	T552	T553	T554	T555	T556	T557	T558	T559	T560	T561	T562	T563	T564	T565	T566	T567	T568	T569	T570	T571	T572	T573	T574	T575	T576	T577	T578	T579	T580	T581	T582	T583	T584	T585	T586	T587	T588	T589	T590	T591	T592	T593	T594	T595	T596	T597	T598	T599	T600	T601	T602	T603	T604	T605	T606	T607	T608	T609	T610	T611	T612	T613	T614	T615	T616	T617	T618	T619	T620	T621	T622	T623	T624	T625	T626	T627	T628	T629	T630	T631	T632	T633	T634	T635	T636	T637	T638	T639	T640	T641	T642	T643	T644	T645	T646	T647	T648	T649	T650	T651	T652	T653	T654	T655	T656	T657	T658	T659	T660	T661	T662	T663	T664	T665	T666	T667	T668	T669	T670	T671	T672	T673	T674	T675	T676	T677	T678	T679	T680	T681	T682	T683	T684	T685	T686	T687	T688	T689	T690	T691	T692	T693	T694	T695	T696	T697	T698	T699	T700	T701	T702	T703	T704	T705	T706	T707	T708	T709	T710	T711	T712	T713	T714	T715	T716	T717	T718	T719	T720	T721	T722	T723	T724	T725	T726	T727	T728	T729	T730	T731	T732	T733	T734	T735	T736	T737	T738	T739	T740	T741	T742	T743	T744	T745	T746	T747	T748	T749	T750	T751	T752	T753	T754	T755	T756	T757	T758	T759	T760	T761	T762	T763	T764	T765	T766	T767	T768	T769	T770	T771	T772	T773	T774	T775	T776	T777	T778	T779	T780	T781	T782	T783	T784	T785	T786	T787	T788	T789	T790	T791	T792	T793	T794	T795	T796	T797	T798	T799	T800	T801	T802	T803	T804	T805	T806	T807	T808	T809	T810	T811	T812	T813	T814	T815	T816	T817	T818	T819	T820	T821	T822	T823	T824	T825	T826	T827	T828	T829	T830	T831	T832	T833	T834	T835	T836	T837	T838	T839	T840	T841	T842	T843	T844	T845	T846	T847	T848	T849	T850	T851	T852	T853	T854	T855	T856	T857	T858	T859	T860	T861	T862	T863	T864	T865	T866	T867	T868	T869	T870	T871	T872	T873	T874	T875	T876	T877	T878	T879	T880	T881	T882	T883	T884	T885	T886	T887	T888	T889	T890	T891	T892	T893	T894	T895	T896	T897	T898	T899	T900	T901	T902	T903	T904	T905	T906	T907	T908	T909	T910	T911	T912	T913	T914	T915	T916	T917	T918	T919	T920	T921	T922	T923	T924	T925	T926	T927	T928	T929	T930	T931	T932	T933	T934	T935	T936	T937	T938	T939	T940	T941	T942	T943	T944	T945	T946	T947	T948	T949	T950	T951	T952	T953	T954	T955	T956	T957	T958	T959	T960	T961	T962	T963	T964	T965	T966	T967	T968	T969	T970	T971	T972	T973	T974	T975	T976	T977	T978	T979	T980	T981	T982	T983	T984	T985	T986	T987	T988	T989	T990	T991	T992	T993	T994	T995	T996	T997	T998	T999	T1000	T1001	T1002	T1003	T1004	T1005	T1006	T1007	T1008	T1009	T1010	T1011	T1012	T1013	T1014	T1015	T1016	T1017	T1018	T1019	T1020	T1021	T1022	T1023	T1024	T1025	T1026	T1027	T1028	T1029	T1030	T1031	T1032	T1033	T1034	T1035	T1036	T1037	T1038	T1039	T1040	T1041	T1042	T1043	T1044	T1045	T1046	T1047	T1048	T1049	T1050	T1051	T1052	T1053	T1054	T1055	T1056	T1057	T1058	T1059	T1060	T1061	T1062	T1063	T1064	T1065	T1066	T1067	T1068	T1069	T1070	T1071	T1072	T1073	T1074	T1075	T1076	T1077	T1078	T1079	T1080	T1081	T1082	T1083	T1084	T1085	T1086	T1087	T1088	T1089	T1090	T1091	T1092	T1093	T1094	T1095	T1096	T1097	T1098	T1099	T1100	T1101	T1102	T1103	T1104	T1105	T1106	T1107	T1108	T1109	T1110	T1111	T1112	T1113	T1114	T1115	T1116	T1117	T1118	T1119	T1120	T1121	T1122	T1123	T1124	T1125	T1126	T1127	T1128	T1129	T1130	T1131	T1132	T1133	T1134	T1135	T1136	T1137	T1138	T1139	T1140	T1141	T1142	T1143	T1144	T1145	T1146	T1147	T1148	T1149	T1150	T1151	T1152	T1153	T1154	T1155	T1156	T1157	T1158	T1159	T1160	T1161	T1162	T1163	T1164	T1165	T1166	T1167	T1168	T1169	T1170	T1171	T1172	T1173	T1174	T1175	T1176	T1177	T1178	T1179	T1180	T1181	T1182	T1183	T1184	T1185	T1186	T1187	T1188	T1189	T1190	T1191	T1192	T1193	T1194	T1195	T1196	T1197	T1198	T1199	T1200	T1201	T1202	T1203	T1204	T1205	T1206	T1207	T1208	T1209	T1210	T1211	T1212	T1213	T1214	T1215	T1216	T1217	T1218	T1219	T1220	T1221	T1222	T1223	T1224	T1225	T1226	T1227	T1228	T1229	T1230	T1231	T1232	T1233	T1234	T1235	T1236	T1237	T1238	T1239	T1240	T1241	T1242	T1243	T1244	T1245	T1246	T1247	T1248	T1249	T1250	T1251	T1252	T1253	T1254	T1255	T1256	T1257	T1258	T1259	T1260	T1261	T1262	T1263	T1264	T1265	T1266	T1267	T1268	T1269	T1270	T1271	T1272	T1273	T1274	T1275	T1276	T1277	T1278	T1279	T1280	T1281	T1282	T1283	T1284	T1285	T1286	T1287	T1288	T1289	T1290	T1291	T1292	T1293	T1294	T1295	T1296	T1297	T1298	T1299	T1300	T1301	T1302	T1303	T1304	T1305	T1306	T1307	T1308	T1309	T1310	T1311	T1312	T1313	T1314	T1315	T1316	T1317	T1318	T1319	T1320	T1321	T1322	T1323	T1324	T1325	T1326	T1327	T1328	T1329	T1330	T1331	T1332	T1333	T1334	T1335	T1336	T1337	T1338	T1339	T1340	T1341	T1342	T1343	T1344	T1345	T1346	T1347	T1348	T1349	T1350	T1351	T1352	T1353	T1354	T1355	T1356	T1357	T1358	T1359	T1360	T1361	T1362	T1363	T1364	T1365	T1366	T1367	T1368	T1369	T1370	T1371	T1372	T1373	T1374	T1375	T1376	T1377	T1378	T1379	T1380	T1381	T1382	T1383	T1384	T1385	T1386	T1387	T1388	T1389	T1390	T1391	T1392	T1393	T1394	T1395	T1396	T1397	T1398	T1399	T1400	T1401	T1402	T1403	T1404	T1405	T1406	T1407	T1408	T1409	T1410	T1411	T1412	T1413	T1414	T1415	T1416	T1417	T1418	T1419	T1420	T1421	T1422	T1423	T1424	T1425	T1426	T1427	T1428	T1429	T1430	T1431	T1432	T1433	T1434	T1435	T1436	T1437	T1438	T1439	T1440	T1441	T1442	T1443	T1444	T1445	T1446	T1447	T1448	T1449	T1450	T1451	T1452	T1453	T1454	T1455	T1456	T1457	T1458	T1459	T1460	T1461	T1462	T1463	T1464	T1465	T1466	T1467	T1468	T1469	T1470	T14
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9313	6.222904E-03	9.793565E-03	3.360750E-03	0.0	0.0
9317	7.947960E-05	9.779405E-03	-1.856354E-03	0.0	0.0
9331	5.742460E-03	5.537406E-03	5.621204E-03	0.0	0.0
9333	3.467961E-03	5.537406E-03	3.280928E-03	0.0	0.0
9337	-1.453121E-03	5.683549E-03	-1.893289E-03	0.0	0.0
9339	-3.525113E-03	5.700622E-03	-3.698258E-03	0.0	0.0
9341	0.0	1.699582E-03	6.949216E-03	0.0	0.0
9343	3.917405E-03	1.622016E-03	3.154715E-03	0.0	0.0
9347	-4.772053E-04	1.422437E-03	-2.146228E-03	0.0	0.0
9349	0.0	1.453828E-03	-5.580095E-03	0.0	0.0
9361	6.036051E-03	-6.431639E-04	5.351052E-03	0.0	0.0
9363	4.237786E-03	-6.400307E-04	3.089284E-03	0.0	0.0
9367	1.851886E-04	-6.667909E-04	-2.323756E-03	0.0	0.0
9369	-2.007905E-03	-6.645604E-04	-1.684242E-03	0.0	0.0
9371	6.043692E-03	-2.574224E-03	5.248345E-03	0.0	0.0
9373	0.0	-2.547998E-03	4.207871E-03	0.0	0.0
9377	0.0	-2.515018E-03	-2.191494E-03	0.0	0.0
9379	-1.353648E-03	-2.502455E-03	-7.281346E-03	0.0	0.0
11300	6.444594E-03	4.350432E-04	3.560351E-03	0.0	0.0
11503	5.730377E-03	2.920378E-03	0.0	0.0	0.0
11507	3.704375E-04	2.920378E-03	0.0	0.0	0.0
11531	5.593715E-03	-6.343077E-04	0.0	0.0	0.0
11533	3.491231E-03	-6.327888E-04	0.0	0.0	0.0
11539	-8.283653E-04	-5.872499E-04	-3.323475E-03	0.0	0.0
11543	-2.892312E-03	-5.723543E-04	0.0	0.0	0.0
11547	3.740128E-03	-3.75341E-03	1.181144E-03	0.0	0.0
11561	5.144838E-03	-3.375341E-03	3.326103E-03	0.0	0.0
11563	3.847712E-03	-5.914986E-03	3.510994E-03	0.0	0.0
11567	1.965227E-04	-5.928922E-03	1.174432E-03	0.0	0.0
11569	-1.439402E-01	-5.951516E-03	-3.322504E-03	0.0	0.0
11571	6.147750E-03	-5.937632E-03	-5.188450E-03	0.0	0.0
11579	-2.025053E-03	0.0	2.660305E-03	0.0	0.0
11700	1.617161E-03	0.0	-5.009118E-03	0.0	0.0
13500	3.515878E-04	6.667618E-05	-3.443134E-03	0.0	0.0
13601	5.436554E-03	-1.389782E-02	-2.342508E-03	0.0	0.0
13603	5.036894E-03	-1.431006E-03	9.493044E-04	0.0	0.0
13607	9.091345E-04	-2.914868E-03	-1.124665E-04	0.0	0.0
13609	1.395074E-04	-2.917091E-03	-3.649127E-03	0.0	0.0
13621	5.248558E-03	-3.122501E-03	-1.704773E-03	0.0	0.0
13623	4.206624E-03	-6.92316E-03	1.324249E-03	0.0	0.0
13627	7.038985E-04	-6.683394E-03	-8.787142E-05	0.0	0.0
13629	-2.489220E-04	-6.620172E-03	-3.629655E-03	0.0	0.0
13631	3.587870E-03	-6.420597E-03	-5.085722E-03	0.0	0.0
13633	-6.820824E-05	-6.452244E-03	1.490898E-03	0.0	0.0
13637	-6.820824E-05	-6.447081E-03	2.546174E-05	0.0	0.0
13641	-2.227549E-03	-6.439846E-03	-3.587722E-03	0.0	0.0
13643	3.375271E-03	-6.447405E-03	-5.295899E-03	0.0	0.0
13647	8.341704E-05	-6.419421E-03	1.790521E-03	0.0	0.0
13648	1.620790E-04	-6.371048E-03	6.940767E-05	0.0	0.0
13649	0.0	-6.389719E-03	-3.534603E-03	0.0	0.0
13661	3.717852E-03	-7.832490E-03	-3.422025E-03	0.0	0.0
13663	2.960830E-03	-7.862038E-03	-1.386957E-03	0.0	0.0
13667	3.496665E-04	-1.035449E-02	1.864227E-03	0.0	0.0
13669	-8.306759E-04	-1.035094E-02	7.808152E-05	0.0	0.0
13671	3.775675E-03	-5.249795E-03	-3.313809E-03	0.0	0.0
13679	-2.713617E-03	-9.222053E-03	-5.065441E-03	0.0	0.0
14801	5.636554E-03	0.0	2.189280E-03	0.0	0.0
14803	4.761830E-03	-4.943982E-03	-4.751144E-03	0.0	0.0
14807	1.076758E-03	-4.786741E-03	3.068589E-04	0.0	0.0
14809	1.395074E-04	-4.775677E-03	-3.136361E-03	0.0	0.0
14821	5.155334E-03	-4.935674E-03	-4.330993E-03	0.0	0.0
14823	4.185472E-03	-6.446243E-03	1.876341E-03	0.0	0.0
14827	7.617320E-04	-6.437298E-03	3.068589E-04	0.0	0.0
14829	-1.623061E-04	-6.439917E-03	-3.136361E-03	0.0	0.0
		-6.475262E-03	-4.719689E-03	0.0	0.0





18661	G	1.475292E-03	-1.491181E-02	1.493977E-03	-2.331694E-04	1.265803E-04	-3.221023E-04
18662	G	9.287000E-04	-1.499810E-02	1.666403E-03	-6.743449E-05	8.450240E-05	-2.275024E-04
18663	G	2.056457E-04	-1.511594E-02	1.962734E-03	6.198905E-05	4.254039E-05	-1.912438E-04
18664	G	4.469755E-04	-1.534316E-02	1.121546E-03	0.0	0.0	-1.992335E-05
18665	G	-2.140061E-04	-1.545289E-02	2.582274E-04	0.0	0.0	8.666505E-05
18666	G	4.135966E-04	-1.567975E-02	6.506229E-04	0.0	0.0	1.191555E-04
18667	G	1.098132E-03	-1.541721E-02	-1.518344E-03	-8.003082E-05	-1.652328E-04	7.609383E-05
18668	G	1.339522E-03	-1.535571E-02	-1.382591E-03	-5.005757E-05	-1.410833E-04	6.091522E-05
18669	G	1.421364E-03	-1.511176E-02	-1.255625E-03	-1.237979E-04	1.168870E-04	1.564110E-05
18671	G	1.780327E-03	-1.435983E-02	1.482346E-03	0.0	0.0	0.0
18683	G	8.801487E-04	-1.437393E-02	1.790862E-03	-6.198905E-05	7.593285E-05	-7.590481E-05
18685	G	1.652585E-04	-1.479717E-02	1.866474E-04	0.0	0.0	0.0
18687	G	-9.944972E-04	-1.465924E-02	-1.480519E-03	-8.003082E-05	-1.899216E-04	-7.590481E-05
18689	G	-7.968133E-04	-1.445615E-02	-1.175877E-03	0.0	0.0	0.0
18693	G	7.815408E-04	-1.446039E-02	9.719855E-04	0.0	0.0	0.0
18697	G	-1.151655E-03	-1.455455E-02	-1.744885E-04	0.0	0.0	0.0
19741	G	2.111877E-03	-1.746024E-02	2.754725E-03	-1.021957E-04	-2.109337E-04	-1.488331E-05
19742	G	2.996431E-03	-1.686861E-02	2.254642E-03	1.546399E-04	-6.063576E-05	-1.272609E-04
19743	G	3.115236E-03	-1.673591E-02	1.933975E-03	0.0	-2.337442E-05	8.270380E-05
19745	G	2.783806E-03	-1.642469E-02	1.148552E-03	0.0	-2.127442E-04	2.844262E-05
19747	G	1.963300E-03	-1.636225E-02	2.027096E-03	0.0	0.0	-9.243021E-05
19748	G	1.776792E-03	-1.639478E-02	-4.790130E-04	2.164093E-04	-2.796818E-05	-7.506111E-05
19749	G	1.259969E-03	-1.676691E-02	2.772900E-03	6.752100E-05	-1.258881E-05	-7.506111E-05
19751	G	1.344110E-03	-1.640815E-02	2.772080E-03	-1.971890E-04	3.411534E-05	-6.152444E-05
19752	G	1.771932E-03	-1.606662E-02	2.298815E-03	-1.747972E-04	-1.362552E-04	-7.615931E-05
19758	G	1.634890E-03	-1.632225E-02	-5.890862E-04	2.088897E-04	-1.863208E-04	2.086161E-05
19759	G	1.634890E-03	-1.598370E-02	-1.729653E-03	2.071596E-05	-2.479910E-05	-3.483333E-06
19761	G	1.151107E-03	-1.607221E-02	2.785971E-03	-1.421357E-04	8.752095E-05	-4.606593E-05
19762	G	9.148503E-04	-1.630565E-02	2.184935E-03	6.700517E-05	-1.616194E-04	-2.283999E-05
19763	G	8.876901E-04	-1.641719E-02	1.963477E-03	0.0	-1.712900E-04	-2.728641E-05
19765	G	1.169523E-03	-1.668668E-02	1.168781E-03	0.0	-2.111768E-04	1.219094E-06
19767	G	1.615948E-03	-1.672021E-02	-3.306649E-05	0.0	0.0	5.796333E-05
19768	G	1.691814E-03	-1.668473E-02	-4.389145E-04	1.652418E-04	-3.796852E-05	6.278292E-05
19769	G	1.876063E-03	-1.660031E-02	-1.368832E-03	1.652418E-04	-4.503417E-05	2.632431E-05
21183	G	4.190749E-04	-2.148627E-02	7.440515E-03	0.0	1.024638E-04	2.285835E-05
21321	G	4.558243E-03	-9.997878E-03	1.350166E-02	0.0	-3.566409E-04	-7.291627E-04
21323	G	3.668545E-03	-1.003965E-02	8.133464E-03	0.0	0.0	0.0
21325	G	2.485766E-03	-1.005314E-02	1.593912E-03	0.0	0.0	0.0
21327	G	1.756153E-03	-9.952711E-03	-5.110841E-03	0.0	0.0	0.0
21329	G	1.205650E-03	-9.841245E-03	-1.088895E-02	0.0	0.0	0.0
21341	G	2.421829E-03	-1.609548E-02	1.173716E-02	3.942295E-04	-1.909683E-04	8.675757E-05
21343	G	2.936691E-03	-1.613062E-02	9.478846E-03	0.0	-1.851950E-04	9.583072E-05
21345	G	3.940195E-03	-1.610699E-02	1.718062E-03	0.0	-8.125942E-05	4.044794E-05
21347	G	3.164100E-03	-1.603543E-02	-5.177143E-03	0.0	2.267612E-05	-2.007701E-04
21349	G	1.927896E-03	-1.598285E-02	-8.011846E-03	5.070441E-04	2.444946E-05	-2.431412E-04
21361	G	9.635349E-04	-2.113727E-02	1.137971E-02	0.0	0.0	0.0
21363	G	1.163143E-03	-2.108545E-02	8.297771E-03	1.528940E-04	-3.685248E-05	0.0
21364	G	1.873840E-03	-2.109576E-02	5.213106E-03	0.0	0.0	0.0
21366	G	1.625240E-03	-2.114696E-02	-1.770647E-03	0.0	0.0	0.0
21367	G	1.950384E-03	-2.114640E-02	-4.940566E-03	1.326692E-04	0.0	0.0
21369	G	2.216501E-03	-2.120208E-02	-8.545288E-03	0.0	-3.000516E-04	0.0
21383	G	4.010918E-04	-2.318398E-02	6.072119E-03	1.950524E-04	-1.081688E-04	-7.843545E-04
21387	G	-1.459995E-03	-2.360707E-02	-5.367111E-03	3.218367E-04	-2.138289E-04	-7.977493E-04
21445	G	0.0	-2.512998E-02	2.961582E-03	6.692153E-04	0.0	0.0
21801	G	6.011561E-03	-7.291503E-03	1.537380E-02	0.0	0.0	0.0
21803	G	4.941147E-03	-5.300138E-03	1.138813E-02	0.0	0.0	0.0
21807	G	1.038745E-03	-5.307123E-03	-6.34446E-03	0.0	0.0	0.0
21809	G	-2.602529E-04	-7.303918E-03	1.248281E-02	0.0	0.0	0.0
21821	G	4.637476E-03	-1.042933E-02	1.547610E-02	0.0	0.0	0.0
21823	G	3.664849E-03	-1.116117E-02	1.311949E-02	0.0	0.0	0.0
21825	G	2.704007E-03	-1.139468E-02	1.498832E-03	0.0	0.0	0.0
21827	G	1.779956E-03	-1.114558E-02	-1.020549E-02	0.0	0.0	0.0
21829	G	1.017684E-03	-1.039902E-02	-1.243114E-02	0.0	0.0	0.0
22312	G	5.218542E-03	-9.059798E-03	1.641965E-02	0.0	0.0	0.0
22318	G	6.100759E-04	-9.072511E-03	-1.317082E-02	0.0	0.0	0.0



61912	1.942511E-03	-1.450214E-02	1.019256E-03	-3.384857E-04	1.006733E-04	-1.619564E-04
61913	1.735125E-03	-1.493199E-02	1.019256E-03	-3.384857E-04	1.006733E-04	0.576781E-04
61914	1.744444E-03	-1.534180E-02	1.019256E-03	-3.384857E-04	1.006733E-04	-1.157433E-04
61916	6.385354E-04	-1.722117E-02	1.264294E-03	-2.749372E-04	9.034960E-05	-2.627650E-04
61918	6.406498E-04	-1.750240E-02	1.264294E-03	-2.749372E-04	9.034960E-05	-1.091002E-04
61922	1.518975E-03	-1.782932E-02	2.287952E-03	-4.731701E-04	4.034960E-05	3.735519E-04
61923	1.665711E-03	-1.930144E-02	2.287952E-03	-4.731701E-04	4.034960E-05	4.083053E-04
61924	1.800775E-03	-1.930144E-02	2.287952E-03	-4.731701E-04	4.034960E-05	-1.019710E-04
61925	1.876597E-03	-1.930144E-02	2.287952E-03	-4.731701E-04	4.034960E-05	5.602004E-04
61926	1.896364E-03	-1.930144E-02	2.287952E-03	-4.731701E-04	4.034960E-05	1.589073E-04
61927	1.955416E-03	-1.930144E-02	2.287952E-03	-4.731701E-04	4.034960E-05	1.577877E-04
61934	2.163754E-03	-1.930144E-02	2.287952E-03	-4.731701E-04	4.034960E-05	5.718766E-05
61935	2.266381E-03	-1.930144E-02	2.287952E-03	-4.731701E-04	4.034960E-05	2.230291E-04
61936	2.420504E-03	-1.930144E-02	2.287952E-03	-4.731701E-04	4.034960E-05	8.360441E-05
62211	3.942524E-04	-1.211037E-02	1.081807E-02	-1.267652E-03	1.916060E-04	1.571378E-04
62214	7.299554E-05	-1.415946E-02	-1.054097E-03	-7.741558E-04	3.822697E-04	5.728207E-04
62217	8.627064E-04	-1.796616E-02	-1.175084E-03	-9.730350E-04	3.348119E-04	-9.840303E-06
62219	1.132406E-03	-1.995878E-02	-1.171420E-03	0.0	0.0	0.0
62221	3.077774E-04	-1.204742E-02	5.541721E-04	-1.524713E-03	-9.267374E-04	3.240411E-04
62224	7.446308E-04	-1.443609E-02	5.541721E-04	-1.524713E-03	-9.267374E-04	3.240411E-04
62226	1.310041E-03	-1.788273E-02	6.671474E-04	-7.966510E-04	3.174947E-06	1.620259E-04
62229	1.737976E-03	-1.946223E-02	6.671474E-04	-7.966510E-04	3.174947E-06	1.190557E-04
62231	1.153249E-03	-1.426397E-02	5.368724E-03	-1.287140E-03	-1.373391E-04	2.361223E-04
62239	1.904037E-03	-1.624417E-02	5.368724E-03	-1.287140E-03	-1.373391E-04	1.821933E-04
62811	1.984544E-03	-1.732795E-02	-6.323501E-03	0.0	0.0	0.0
62819	1.568464E-04	-1.903457E-02	-6.323501E-03	0.0	0.0	0.0
62821	1.707292E-03	-1.139234E-02	-6.323501E-03	0.0	0.0	0.0
62829	2.691990E-04	-1.911899E-02	-6.323501E-03	0.0	0.0	0.0
62831	2.027192E-04	-1.375160E-02	-6.323501E-03	0.0	0.0	0.0
62839	3.455729E-04	-1.616461E-02	-6.323501E-03	0.0	0.0	0.0
63411	3.203269E-03	-1.093418E-02	-1.155917E-02	0.0	0.0	0.0
63419	1.820004E-03	-1.884389E-02	-1.155917E-02	0.0	0.0	0.0
63421	2.968564E-03	-1.049340E-02	-5.950209E-03	0.0	0.0	0.0
63429	1.344361E-03	-1.811734E-02	-9.971213E-03	0.0	0.0	0.0
63431	1.777055E-03	-1.319422E-02	-7.116109E-03	0.0	0.0	0.0
63439	1.323340E-03	-1.549065E-02	-7.116109E-03	0.0	0.0	0.0
64211	5.456880E-03	-7.772118E-03	-2.032335E-02	0.0	0.0	0.0
64219	4.518235E-03	-1.816223E-02	-2.032335E-02	0.0	0.0	0.0
64221	5.247004E-03	-9.590976E-03	-1.885577E-02	0.0	0.0	0.0
64229	3.983550E-03	-1.799051E-02	-1.885577E-02	0.0	0.0	0.0
64231	4.294448E-03	-1.217210E-02	-1.885577E-02	0.0	0.0	0.0
64239	3.896768E-03	-1.460904E-02	-1.885577E-02	0.0	0.0	0.0
65011	8.211531E-03	-8.630631E-03	-3.067900E-02	0.0	0.0	0.0
65019	7.345576E-03	-1.696878E-02	-3.067900E-02	0.0	0.0	0.0
65021	7.955100E-03	-8.421785E-03	-2.915255E-02	0.0	0.0	0.0
65029	6.932668E-03	-1.704351E-02	-2.915255E-02	0.0	0.0	0.0
65031	7.161371E-03	-1.097819E-02	-2.915255E-02	0.0	0.0	0.0
65039	6.803974E-03	-1.344348E-02	-2.915255E-02	0.0	0.0	0.0
65911	1.132509E-02	-7.705390E-03	-6.255180E-02	0.0	0.0	0.0
65919	1.052409E-02	-1.539313E-02	-6.255180E-02	0.0	0.0	0.0
65921	1.113492E-02	-7.671874E-03	-6.255180E-02	0.0	0.0	0.0
65929	1.025622E-02	-1.574600E-02	-6.255180E-02	0.0	0.0	0.0
65931	1.045954E-02	-9.740360E-03	-6.255180E-02	0.0	0.0	0.0
65939	1.010551E-02	-1.246727E-02	-6.255180E-02	0.0	0.0	0.0
71912	1.432177E-03	-1.512879E-02	-1.016488E-03	-1.989037E-04	-9.724621E-05	2.284265E-04
71913	1.557333E-03	-1.538478E-02	-1.016488E-03	-1.989037E-04	-9.724621E-05	4.111486E-04
71914	1.673348E-03	-1.562207E-02	-1.016488E-03	-1.989037E-04	-9.724621E-05	1.374781E-04
71916	1.728207E-03	-1.648260E-02	-1.228916E-03	-1.547932E-04	1.055670E-05	1.458518E-04
71917	1.717639E-03	-1.681755E-02	-1.228916E-03	-1.547932E-04	1.055670E-05	1.455710E-05
71918	1.705087E-03	-1.702160E-02	-1.228916E-03	-1.547932E-04	1.055670E-05	1.731436E-04
71922	1.657022E-03	-1.553088E-02	-1.655094E-03	-1.437776E-04	1.170045E-04	2.528499E-04
71923	1.554058E-03	-1.565791E-02	-1.655094E-03	-1.437776E-04	1.170045E-04	6.000466E-05
71924	1.459284E-03	-1.577366E-02	-1.655094E-03	-1.437776E-04	1.170045E-04	3.460976E-04
71926	1.217964E-03	-1.492628E-02	-1.629430E-03	-2.289034E-04	4.475811E-05	1.074402E-04
71927	1.187529E-03	-1.708194E-02	-1.629430E-03	-2.289034E-04	4.475811E-05	-4.366275E-05

71928	1.1418764-03	-1.711542E-02	-1.029433E-03	-2.749034E-04	7.475811E-05	2.144459E-05
71934	1.545094E-03	-1.552295E-02	-8.447886E-03	-7.521608E-04	7.490944E-05	5.660890E-05
71935	1.527471E-03	-1.603043E-02	-8.447886E-03	-7.521608E-04	7.490944E-05	-2.538301E-04
71936	1.507102E-03	-1.653085E-02	-4.447886E-03	-7.521608E-04	7.490944E-05	-1.227902E-04
72211	2.469111E-03	-1.597192E-02	1.033503E-04	0.0	0.0	0.0
72213	2.694806E-03	-1.497724E-02	1.168469E-04	-4.451924E-04	-2.292322E-04	3.522651E-04
72217	1.841524E-03	-1.704863E-02	1.521684E-04	-5.590269E-04	-1.208238E-04	7.325317E-05
72219	1.656872E-03	-1.811534E-02	1.499539E-04	0.0	0.0	0.0
72221	2.071464E-03	-1.403239E-02	-1.214664E-03	-8.444663E-04	6.775400E-04	1.917487E-04
72224	2.426320E-03	-1.528147E-02	-1.201821E-03	-8.444663E-04	-1.809934E-04	3.303413E-04
72226	1.573095E-03	-1.736167E-02	-1.157399E-03	-5.436305E-04	5.617450E-05	1.034269E-04
72229	1.238376E-03	-1.783099E-02	-1.145773E-03	-5.436305E-04	2.924043E-04	6.416734E-05
72231	1.671341E-03	-1.494485E-02	-4.956696E-03	-7.503391E-04	-1.563040E-04	1.033917E-04
72239	1.159454E-03	-1.644565E-02	-4.965714E-03	-1.295431E-03	1.375449E-04	-7.206658E-05
72811	3.366137E-03	-1.375808E-02	2.763795E-03	0.0	0.0	0.0
72819	2.446594E-03	-1.761499E-02	2.637795E-03	0.0	0.0	0.0
72821	2.446594E-03	-1.761499E-02	2.637795E-03	0.0	0.0	0.0
72824	2.115684E-03	-1.768072E-02	1.417798E-03	0.0	0.0	0.0
72831	2.484618E-03	-1.468048E-02	1.438675E-03	0.0	0.0	0.0
72839	2.069714E-03	-1.602784E-02	1.401359E-03	0.0	0.0	0.0
73411	4.542749E-03	-1.339487E-02	5.426649E-03	0.0	0.0	0.0
73419	3.427924E-03	-1.755511E-02	5.418241E-03	0.0	0.0	0.0
73421	4.330754E-03	-1.329161E-02	4.137557E-03	0.0	0.0	0.0
73424	3.107919E-03	-1.749884E-02	4.123395E-03	0.0	0.0	0.0
73431	3.413691E-03	-1.439048E-02	1.943701E-03	0.0	0.0	0.0
73439	3.072514E-03	-1.564739E-02	1.950141E-03	0.0	0.0	0.0
74211	5.792137E-03	-1.291519E-02	9.922492E-03	0.0	0.0	0.0
74219	4.992093E-03	-1.725033E-02	9.869115E-03	0.0	0.0	0.0
74221	5.610974E-03	-1.266081E-02	8.770311E-03	0.0	0.0	0.0
74224	4.690133E-03	-1.715920E-02	9.774307E-03	-6.067974E-04	1.171701E-04	7.531764E-06
74231	4.918311E-03	-1.382456E-02	7.132549E-03	0.0	0.0	0.0
74239	4.635680E-03	-1.517031E-02	7.137411E-03	0.0	0.0	0.0
75011	7.339910E-03	-1.220180E-02	1.529654E-02	0.0	0.0	0.0
75019	6.782174E-03	-1.664842E-02	1.5738E-02	0.0	0.0	0.0
75021	7.166922E-03	-1.192803E-02	1.455119E-02	0.0	0.0	0.0
75024	6.527755E-03	-1.671745E-02	1.431397E-02	0.0	0.0	0.0
75031	6.655934E-03	-1.513823E-02	1.312806E-02	0.0	0.0	0.0
75039	6.441340E-03	-1.464396E-02	1.313124E-02	0.0	0.0	0.0
75911	9.085301E-03	-1.168567E-02	2.149837E-02	0.0	0.0	0.0
75919	8.721374E-03	-1.564815E-02	2.158491E-02	0.0	0.0	0.0
75921	9.044979E-03	-1.148619E-02	2.103351E-02	0.0	0.0	0.0
75929	8.636441E-03	-1.606687E-02	2.109169E-02	0.0	0.0	0.0
75931	9.301834E-03	-1.242048E-02	2.006473E-02	0.0	0.0	0.0
75939	4.679509E-03	-1.398326E-02	2.006882E-02	-9.328390E-04	5.643860E-05	-4.790910E-05
122400	1.466141E-03	5.495156E-02	-3.913068E-02	0.0	0.0	0.0
123467	1.466141E-03	5.495156E-02	-3.913068E-02	0.0	0.0	0.0
123487	8.013164E-03	4.54620E-02	-2.371569E-02	-1.586837E-03	0.0	0.0
124003	4.679509E-03	2.95715E-02	-1.205284E-03	4.258959E-05	-1.586837E-03	-1.061930E-03
125063	2.509712E-03	-1.887083E-02	5.145979E-03	0.0	0.0	0.0
125065	1.354665E-03	-1.858947E-02	6.360710E-03	0.0	0.0	0.0
125067	1.462168E-03	-1.865925E-02	7.474877E-03	0.0	0.0	0.0
125383	1.660398E-02	2.415249E-02	1.745625E-03	0.0	0.0	0.0
125387	4.311018E-03	2.415249E-02	6.746590E-03	0.0	0.0	0.0
126483	2.765899E-03	-2.073097E-02	6.416213E-03	0.0	0.0	0.0
126867	1.552476E-03	-2.068258E-02	1.331495E-03	0.0	0.0	0.0
127200	4.679509E-03	3.235598E-03	3.814425E-02	4.258959E-05	-1.586837E-03	-1.061930E-03
189073	1.592314E-03	-6.05079E-04	-7.650265E-02	-4.270192E-03	-6.963824E-04	-2.329065E-04
189077	7.356748E-03	-6.605079E-04	4.914464E-04	-4.270192E-03	-6.963824E-04	-2.329065E-04
200070	7.970878E-04	-3.532894E-02	3.446598E-03	-4.270192E-03	-6.963824E-04	-2.329065E-04
200078	4.474532E-03	-3.333547E-03	3.334594E-03	-4.270192E-03	-6.963824E-04	-2.329065E-04
200079	5.407453E-03	3.32791E-03	3.351758E-03	-4.270192E-03	-6.963824E-04	-2.329065E-04
200086	1.150178E-02	1.930761E-02	3.362591E-03	-4.406627E-03	-8.029394E-04	-2.329065E-04
200087	1.058251E-02	1.423267E-02	3.362591E-03	-4.406627E-03	-8.029394E-04	-2.329065E-04
200095	1.143561E-02	7.14287E-02	3.376369E-03	-3.806948E-03	-6.200266E-04	-2.329065E-04
200096	1.1441324E-02	7.144643E-02	3.376369E-03	-3.806948E-03	-6.200266E-04	-2.329065E-04
200101	-2.087453E-02	7.640044E-02	3.383333E-03	-2.835275E-03	-4.40264E-04	-2.329065E-04

200109	-2.276967E-02	1.046113E-01	4.407270E-03	-1.127420E-03	-2.564567E-04	-2.129065E-04
200114	-2.351860E-02	1.152118E-01	3.442160E-03	4.110127E-03	6.418668E-05	-2.129065E-04
200121	-2.210764E-02	1.036810E-01	3.449101E-03	1.561800E-03	6.418668E-05	-2.129065E-04
200124	-1.617101E-02	9.201843E-02	3.674491E-03	3.077268E-03	6.260730E-04	-2.129065E-04
200127	-1.229818E-02	6.156664E-02	3.474490E-03	4.170634E-03	4.525225E-04	-2.129065E-04
200145	-5.111728E-03	2.526634E-02	3.474490E-03	4.829712E-03	4.525225E-04	-2.129065E-04
200153	-2.481272E-03	-1.130338E-02	3.474490E-03	5.040635E-03	9.918425E-04	-2.129065E-04
200155	-4.671215E-03	-2.444355E-02	3.474490E-03	5.040635E-03	9.918425E-04	-2.129065E-04
211001	-3.159894E-01	-2.529002E-01	5.362071E-01	1.425641E-02	1.482669E-02	9.653132E-03
211002	-2.989164E-01	-2.648896E-01	5.332609E-01	1.416527E-02	1.470517E-02	9.653132E-03
211073	-1.592314E-03	-5.733211E-03	6.433544E-02	4.270192E-03	6.963823E-04	-2.129065E-04
211077	-7.356748E-03	-5.733211E-03	6.433544E-02	4.270192E-03	6.963823E-04	-2.129065E-04
214075	-4.475512E-03	-6.180688E-03	1.344414E-02	-4.270192E-03	6.963823E-04	-2.129065E-04
214901	-3.159894E-01	1.271227E-01	-7.860935E-02	1.256641E-02	1.482669E-02	9.653132E-03
214902	-2.989164E-01	1.271227E-01	-7.860935E-02	1.256641E-02	1.482669E-02	9.653132E-03
215101	-6.976181E-02	-3.867241E-01	4.650386E-02	1.416527E-02	1.470517E-02	9.653132E-03
215102	-6.626701E-02	-4.116641E-03	-7.809300E-04	1.312895E-03	1.268056E-02	-1.620605E-03
215201	4.731175E-04	-5.944218E-03	-1.193217E-03	1.477647E-03	1.192510E-02	-1.195872E-03
215202	5.042665E-03	-5.944218E-03	1.647015E-03	-1.480468E-04	6.086480E-03	-1.141312E-03
222001	-3.147081E-03	9.969804E-01	1.204693E-03	-1.363628E-04	5.256515E-03	-9.033023E-04
222002	2.575915E-01	1.00010E-01	8.872214E-01	4.941394E-02	1.260975E-02	5.813133E-03
222201	-8.612974E-02	1.179618E-01	3.955026E-01	4.461930E-02	-1.238140E-02	6.024673E-03
222202	8.515054E-02	1.182716E-01	4.007462E-01	3.68927E-02	6.798311E-03	-3.948312E-03
222301	6.100754E-04	-3.072911E-03	-1.317082E-02	3.703687E-02	-9.012640E-03	-3.593077E-03
222302	5.218562E-03	-9.359798E-03	1.641965E-02	9.730447E-03	4.694933E-03	-1.645718E-03
223401	-3.147081E-03	1.081501E-03	-1.075626E-00	9.78539E-03	-3.827053E-03	-1.445734E-03
223402	-2.976915E-01	1.087731E-00	-1.075626E-00	4.943398E-02	1.260975E-02	5.813133E-03
520018	-4.092190E-03	-1.416359E-02	8.091304E-03	4.461930E-02	-1.238140E-02	6.024673E-03
520024	-5.007368E-03	-1.416359E-02	8.091304E-03	2.639329E-03	-1.359268E-04	1.476068E-03
520057	-9.420668E-03	-1.416402E-02	2.265694E-03	2.639329E-03	-1.359268E-04	1.476068E-03
520065	-1.113607E-02	-1.416412E-02	4.379798E-03	2.741699E-03	-1.359268E-04	1.476068E-03
520068	-1.174613E-02	-1.416417E-02	5.428372E-03	2.814282E-03	-1.359268E-04	1.476068E-03
520079	-1.359785E-02	-1.416516E-02	8.566198E-03	2.852124E-03	-1.359268E-04	1.476068E-03
520135	-2.484425E-02	-1.417217E-02	2.866473E-02	2.956935E-03	-1.359268E-04	1.476068E-03
520139	-2.573975E-02	-1.417217E-02	2.866473E-02	3.434364E-03	-1.359268E-04	1.476068E-03
520152	-2.862765E-02	-1.417499E-02	3.260918E-02	3.466362E-03	-1.359268E-04	1.476068E-03
520185	-3.591513E-02	-1.417499E-02	4.404194E-02	3.466362E-03	-1.359268E-04	1.476068E-03

REAL EIGENVECTORS

POINT ID.	TYPE	T1	T2	T3	P1	P2	P3
3331	G	3.878900E-02	1.312847E-02	-3.23779E-01	0.0	0.0	0.0
3339	G	3.744005E-03	1.296820E-02	-3.290656E-01	0.0	0.0	0.0
3341	G	1.055717E-03	1.476471E-02	-3.240400E-01	0.0	0.0	0.0
3349	G	3.010951E-03	1.479648E-02	-3.282428E-01	0.0	0.0	0.0
4631	G	3.962744E-02	1.156322E-02	-2.538874E-01	0.0	0.0	0.0
4633	G	2.888155E-02	1.274326E-02	-2.547961E-01	0.0	0.0	0.0
4637	G	5.428919E-02	1.251341E-02	-2.610462E-01	0.0	0.0	0.0
4639	G	3.670824E-02	1.127944E-02	-2.618107E-01	0.0	0.0	0.0
4641	G	3.863740E-03	9.225536E-03	-2.538127E-01	0.0	0.0	0.0
4649	G	1.809040E-03	8.780312E-03	-2.623649E-01	0.0	0.0	0.0
4661	G	-4.033598E-02	6.276615E-03	-2.548752E-01	0.0	0.0	0.0
4669	G	-3.973781E-02	5.907338E-03	-2.616337E-01	0.0	0.0	0.0
6123	G	8.545874E-02	1.205775E-02	-1.674556E-01	0.0	0.0	0.0
6127	G	8.242863E-02	1.226413E-02	-1.750921E-01	0.0	0.0	0.0
6131	G	5.614589E-02	1.052501E-02	-1.688951E-01	0.0	0.0	0.0
6133	G	5.508811E-02	1.040578E-02	-1.673847E-01	0.0	0.0	0.0
6137	G	5.200724E-02	9.873074E-03	-1.749965E-01	0.0	0.0	0.0
6139	G	5.195179E-02	9.721024E-03	-1.777182E-01	0.0	0.0	0.0
6141	G	1.773101E-03	1.365081E-02	-1.667076E-01	0.0	0.0	0.0
6143	G	1.574706E-02	1.047750E-02	-1.657510E-01	0.0	0.0	0.0
6147	G	1.541349E-02	2.404150E-03	-1.751787E-01	0.0	0.0	0.0
6149	G	1.422137E-02	2.416781E-03	-1.741454E-01	0.0	0.0	0.0
6161	G	-9.929813E-03	9.730456E-03	-1.658245E-01	0.0	0.0	0.0
6163	G	-1.152834E-02	9.775624E-03	-1.675579E-01	0.0	0.0	0.0
6167	G	-1.087582E-02	1.834795E-03	-1.754915E-01	0.0	0.0	0.0
6169	G	-1.238903E-02	1.793227E-03	-1.754106E-01	0.0	0.0	0.0
6171	G	-6.475407E-02	4.429143E-03	-2.103165E-01	0.0	0.0	0.0
6179	G	-6.365639E-02	3.463517E-03	-2.186771E-01	0.0	0.0	0.0
7031	G	5.441138E-02	3.525137E-03	0.0	0.0	0.0	0.0
7033	G	5.455984E-02	8.688061E-03	-1.204156E-01	0.0	0.0	0.0
7037	G	5.151132E-02	8.688061E-03	-1.313846E-01	0.0	0.0	0.0
7039	G	5.083604E-02	8.803263E-03	0.0	0.0	0.0	0.0
7043	G	1.446605E-02	0.0	-1.190751E-01	0.0	0.0	0.0
7047	G	1.458148E-02	0.0	-1.299397E-01	0.0	0.0	0.0
7061	G	-1.061274E-02	1.055188E-02	-8.033224E-02	0.0	0.0	0.0
7063	G	-1.529080E-02	1.055188E-02	-1.185786E-01	0.0	0.0	0.0
7067	G	-1.463749E-02	-1.009810E-02	-1.293451E-01	0.0	0.0	0.0
7069	G	-1.344022E-02	-1.305577E-02	-9.516295E-02	0.0	0.0	0.0
7071	G	-3.569447E-02	0.0	-7.564648E-02	0.0	0.0	0.0
7079	G	-4.084282E-02	0.0	-8.975335E-02	0.0	0.0	0.0
7505	G	1.416845E-01	1.817886E-02	-8.813285E-02	5.484482E-04	-5.895387E-03	-1.524258E-04
7509	G	-9.532595E-02	-6.449614E-03	-3.409417E-02	0.0	0.0	0.0
8301	G	5.267120E-02	6.291683E-03	0.0	0.0	0.0	0.0
8331	G	5.455984E-02	6.462462E-03	-3.510935E-02	0.0	0.0	0.0
8333	G	5.151132E-02	6.462462E-03	-4.607332E-02	0.0	0.0	0.0
8339	G	4.770051E-02	6.582297E-03	0.0	0.0	0.0	0.0
8543	G	1.322055E-02	0.0	-3.584244E-02	0.0	0.0	0.0
8547	G	1.330104E-02	0.0	-4.651633E-02	0.0	0.0	0.0
8561	G	-9.643450E-03	3.228060E-03	-8.917764E-03	0.0	0.0	0.0
8563	G	-1.691049E-02	3.269485E-03	-1.604621E-02	0.0	0.0	0.0
8567	G	-1.704120E-02	-9.343854E-03	-4.672341E-02	0.0	0.0	0.0
8569	G	-1.159206E-02	-9.043898E-03	-2.595515E-02	0.0	0.0	0.0
8571	G	-2.509065E-02	0.0	-4.524525E-03	0.0	0.0	0.0
8579	G	-2.954858E-02	0.0	-2.136503E-02	0.0	0.0	0.0
9303	G	-9.684369E-03	1.573707E-02	1.226215E-02	0.0	0.0	0.0
9307	G	-1.563114E-02	1.569118E-02	2.578479E-03	0.0	0.0	0.0

9313	G	-1.21577E-02	1.352410E-02	1.226998E-02	0.0	0.0	0.0
9317	G	-1.64901E-02	1.329561E-02	2.552109E-03	0.0	0.0	0.0
9331	G	4.973902E-02	5.718239E-03	1.513036E-02	0.0	0.0	0.0
9333	G	5.126390E-02	5.460136E-03	9.666499E-33	0.0	0.0	0.0
9337	G	4.868777E-02	4.700656E-03	-1.188423E-04	0.0	0.0	0.0
9339	G	4.468168E-02	4.349057E-03	-2.054794E-03	0.0	0.0	0.0
9341	G	0.0	-8.136919E-04	2.767330E-02	0.0	0.0	0.0
9343	G	1.304248E-02	-9.056937E-04	1.929137E-02	0.0	0.0	0.0
9347	G	1.203673E-02	-1.092185E-03	8.890562E-03	0.0	0.0	0.0
9349	G	0.0	-1.210880E-03	1.004220E-02	0.0	0.0	0.0
9361	G	-5.391493E-03	-5.294874E-03	3.029652E-02	0.0	0.0	0.0
9363	G	-1.269403E-02	-1.52425E-03	2.62476E-02	0.0	0.0	0.0
9367	G	-1.311408E-02	-1.711940E-03	1.578206E-02	0.0	0.0	0.0
9369	G	-6.594729E-03	-3.59893E-03	1.271347E-02	0.0	0.0	0.0
9371	G	-2.264887E-02	-6.973647E-03	3.491291E-02	0.0	0.0	0.0
9373	G	0.0	-8.480575E-03	2.225913E-02	0.0	0.0	0.0
9377	G	0.0	-6.085318E-03	1.204570E-02	0.0	0.0	0.0
9379	G	-2.430391E-02	-5.525306E-03	1.768672E-02	0.0	0.0	0.0
11300	G	-4.547475E-02	-2.184052E-03	9.088182E-02	0.0	0.0	0.0
11503	G	-1.779184E-02	7.108919E-03	0.0	0.0	0.0	0.0
11507	G	-2.240578E-02	7.108919E-03	0.0	0.0	0.0	0.0
11531	G	3.612381E-02	3.255636E-03	0.0	0.0	0.0	0.0
11533	G	3.537551E-02	2.935208E-03	8.8509950E-02	0.0	0.0	0.0
11537	G	3.386335E-02	6.260085E-04	8.008742E-02	0.0	0.0	0.0
11539	G	3.231389E-02	3.292854E-04	0.0	0.0	0.0	0.0
11543	G	1.323683E-02	-2.105167E-03	8.848524E-02	0.0	0.0	0.0
11547	G	1.157661E-02	-2.105167E-03	8.001256E-02	0.0	0.0	0.0
11561	G	-1.231901E-03	-1.614156E-02	8.362448E-02	0.0	0.0	0.0
11563	G	-4.220489E-03	-1.620654E-02	8.831358E-02	0.0	0.0	0.0
11567	G	-5.668610E-03	6.094780E-03	7.980961E-02	0.0	0.0	0.0
11569	G	-1.814194E-03	6.046981E-03	7.171142E-02	0.0	0.0	0.0
11571	G	-3.744974E-03	0.0	7.287356E-02	0.0	0.0	0.0
11579	G	-8.069165E-03	0.0	7.094761E-02	0.0	0.0	0.0
11700	G	-4.875377E-02	1.151818E-02	9.617537E-02	0.0	0.0	0.0
13500	G	1.477740E-02	-4.488245E-03	1.158156E-01	0.0	0.0	0.0
13801	G	-2.065333E-02	6.327042E-04	1.254961E-01	0.0	0.0	0.0
13803	G	-2.418752E-02	6.282160E-04	1.264893E-01	0.0	0.0	0.0
13807	G	-2.824078E-02	1.009037E-03	1.252647E-01	0.0	0.0	0.0
13809	G	-2.592245E-02	5.400751E-04	1.232804E-01	0.0	0.0	0.0
13821	G	-8.311764E-03	4.232544E-04	1.249641E-01	0.0	0.0	0.0
13823	G	-7.476246E-03	6.430551E-05	1.257710E-01	0.0	0.0	0.0
13827	G	-9.847268E-03	-6.270220E-04	1.239226E-01	0.0	0.0	0.0
13829	G	-1.289813E-02	-1.010161E-03	1.225279E-01	0.0	0.0	0.0
13831	G	2.519779E-02	-1.358072E-04	1.229343E-01	0.0	0.0	0.0
13833	G	1.626154E-02	-5.048048E-04	1.230973E-01	0.0	0.0	0.0
13837	G	1.550454E-02	-1.563733E-03	1.207118E-01	0.0	0.0	0.0
13839	G	2.193070E-02	-1.797181E-03	1.211504E-01	0.0	0.0	0.0
13841	G	0.0	-4.576322E-03	1.187000E-01	0.0	0.0	0.0
13843	G	1.393040E-02	-3.723445E-03	1.210174E-01	0.0	0.0	0.0
13847	G	1.251007E-02	-3.502178E-03	1.187611E-01	0.0	0.0	0.0
13848	G	1.226030E-02	1.082111E-03	1.163450E-01	0.0	0.0	0.0
13849	G	0.0	5.166037E-04	1.035279E-01	0.0	0.0	0.0
13861	G	1.724853E-03	-6.579302E-03	1.161822E-01	0.0	0.0	0.0
13863	G	8.228101E-03	-6.669708E-03	1.209117E-01	0.0	0.0	0.0
13867	G	3.392695E-03	2.897734E-03	1.118567E-01	0.0	0.0	0.0
13869	G	-1.431067E-04	2.745186E-03	1.077517E-01	0.0	0.0	0.0
13871	G	-2.667526E-03	0.0	1.151000E-01	0.0	0.0	0.0
13879	G	2.436902E-02	0.0	9.960419E-02	0.0	0.0	0.0
14801	G	-2.065335E-02	-1.922698E-03	1.142255E-01	0.0	0.0	0.0
14803	G	-2.626128E-02	-1.692446E-03	1.110936E-01	0.0	0.0	0.0
14807	G	2.736753E-02	-7.235408E-04	1.089190E-01	0.0	0.0	0.0
14809	G	-2.592245E-02	-6.877687E-04	1.081359E-01	0.0	0.0	0.0
14821	G	-8.127157E-03	-2.777923E-03	1.115126E-01	0.0	0.0	0.0
14823	G	-8.096877E-03	-2.918622E-03	1.110936E-01	0.0	0.0	0.0
14827	G	-1.047328E-02	-1.317604E-03	1.089190E-01	0.0	0.0	0.0
14829	G	-1.254440E-02	-1.237818E-03	1.074943E-01	0.0	0.0	0.0



14831	2.34153E-02	-5.16711E-03	1.19875E-01	3.00	3.00	3.00	3.00
14832	1.1720E-02	-9.75131E-03	1.11917E-01	3.00	3.00	3.00	3.00
14833	1.07320E-02	-9.40121E-03	1.09195E-01	3.00	3.00	3.00	3.00
14839	1.59774E-02	-6.90946E-03	1.07571E-01	3.00	3.00	3.00	3.00
14841	0.00	-6.40623E-03	1.07744E-01	3.00	3.00	3.00	3.00
14842	1.41159E-02	-9.23755E-03	1.11997E-01	3.00	3.00	3.00	3.00
14847	1.33039E-02	-2.76525E-03	1.11066E-01	3.00	3.00	3.00	3.00
14849	0.00	-2.49663E-03	1.06753E-01	3.00	3.00	3.00	3.00
14861	3.78409E-03	-5.49802E-03	1.08133E-01	3.00	3.00	3.00	3.00
14863	1.14905E-02	-2.96579E-03	1.12157E-01	3.00	3.00	3.00	3.00
14867	1.16070E-02	-6.50594E-03	1.10759E-01	3.00	3.00	3.00	3.00
14869	4.06001E-03	-3.31723E-03	1.05312E-01	3.00	3.00	3.00	3.00
14881	9.95436E-03	-2.19993E-03	1.05036E-01	3.00	3.00	3.00	3.00
14883	1.22503E-02	-2.63583E-03	1.09693E-01	3.00	3.00	3.00	3.00
14887	1.18946E-02	-5.83705E-03	1.08033E-01	3.00	3.00	3.00	3.00
14889	7.30376E-03	-6.18105E-03	1.02993E-01	3.00	3.00	3.00	3.00
15212	-1.80556E-02	-2.35982E-03	1.06453E-01	3.00	3.00	3.00	3.00
15218	-4.13543E-02	-1.82213E-03	1.01247E-01	3.00	3.00	3.00	3.00
15601	-2.19498E-02	-2.47759E-03	9.72917E-02	3.00	3.00	3.00	3.00
15603	-2.42612E-02	-2.11452E-03	9.68337E-02	3.00	3.00	3.00	3.00
15607	-2.73675E-02	-2.48263E-03	9.43212E-02	3.00	3.00	3.00	3.00
15609	-2.58067E-02	-2.55790E-03	9.31821E-02	3.00	3.00	3.00	3.00
15621	-8.09804E-03	-3.22360E-03	9.73749E-02	3.00	3.00	3.00	3.00
15623	-8.00775E-03	-3.36076E-03	9.70676E-02	3.00	3.00	3.00	3.00
15625	-9.68840E-03	-3.25281E-03	9.57845E-02	3.00	3.00	3.00	3.00
15627	-1.08442E-02	-3.07466E-03	9.39136E-02	3.00	3.00	3.00	3.00
15629	-1.23104E-02	-3.14314E-03	9.30395E-02	3.00	3.00	3.00	3.00
15633	6.54722E-03	0.00	9.48773E-02	3.00	3.00	3.00	3.00
15637	6.18530E-03	0.00	9.45549E-02	3.00	3.00	3.00	3.00
16481	1.35067E-02	-1.78496E-03	9.33337E-02	3.00	3.00	3.00	3.00
16483	1.05760E-02	-2.22463E-03	9.00000E-02	3.00	3.00	3.00	3.00
16485	9.28246E-03	-6.04432E-03	9.00000E-02	3.00	3.00	3.00	3.00
16487	9.41021E-03	-6.01495E-03	9.00000E-02	3.00	3.00	3.00	3.00
16489	1.13670E-02	-6.46316E-03	9.30000E-02	3.00	3.00	3.00	3.00
17100	2.42906E-02	-7.68604E-03	9.08853E-02	3.00	3.00	3.00	3.00
18601	-2.86312E-02	-1.13753E-03	9.36994E-02	3.00	3.00	3.00	3.00
18603	-3.05084E-02	-5.91559E-03	9.30195E-02	3.00	3.00	3.00	3.00
18607	-3.06227E-02	-5.62237E-03	9.21479E-02	3.00	3.00	3.00	3.00
18609	-2.79743E-02	-5.64014E-03	9.19043E-02	3.00	3.00	3.00	3.00
18621	-1.20520E-02	-7.67896E-03	9.42410E-02	3.00	3.00	3.00	3.00
18623	-1.22155E-02	-7.27325E-03	9.32526E-02	3.00	3.00	3.00	3.00
18625	-1.14615E-02	-6.61534E-03	9.27873E-02	3.00	3.00	3.00	3.00
18627	-1.23095E-02	-5.99569E-03	9.25648E-02	3.00	3.00	3.00	3.00
18629	-1.46103E-02	-5.60408E-03	9.20303E-02	3.00	3.00	3.00	3.00
18631	5.84547E-04	-5.74139E-03	9.34371E-02	3.00	3.00	3.00	3.00
18633	0.00	-5.87817E-03	9.30917E-02	3.00	3.00	3.00	3.00
18635	0.00	-5.71939E-03	9.30917E-02	3.00	3.00	3.00	3.00
18637	0.00	-5.47225E-03	9.30876E-02	3.00	3.00	3.00	3.00
18639	-1.64968E-03	-5.35448E-03	9.33411E-02	3.00	3.00	3.00	3.00
18641	8.24098E-03	-3.81086E-03	9.22397E-02	3.00	3.00	3.00	3.00
18642	7.24301E-03	-3.87675E-03	9.22344E-02	3.00	3.00	3.00	3.00
18644	5.42015E-03	-3.95001E-03	9.24033E-02	3.00	3.00	3.00	3.00
18645	2.43241E-03	-1.53696E-03	9.27657E-02	3.00	3.00	3.00	3.00
18646	9.22215E-04	-4.29917E-03	9.32047E-02	3.00	3.00	3.00	3.00
18647	9.76509E-04	-6.43111E-03	9.31249E-02	3.00	3.00	3.00	3.00
18648	3.57099E-03	-6.59050E-03	9.33363E-02	3.00	3.00	3.00	3.00
18649	5.86462E-03	-6.71767E-03	9.32735E-02	3.00	3.00	3.00	3.00
18651	7.31721E-03	-7.19996E-03	9.40010E-02	3.00	3.00	3.00	3.00
18652	1.16900E-02	-9.58076E-03	9.23762E-02	3.00	3.00	3.00	3.00
18653	1.03710E-02	-3.42781E-03	9.23731E-02	3.00	3.00	3.00	3.00
18654	1.23983E-02	-6.26266E-03	9.37444E-02	3.00	3.00	3.00	3.00
18655	2.13189E-02	-6.22941E-03	9.40209E-02	3.00	3.00	3.00	3.00
18656	1.47906E-02	-3.71325E-03	9.24553E-02	3.00	3.00	3.00	3.00
18657	1.47906E-02	-3.72803E-03	9.24553E-02	3.00	3.00	3.00	3.00
18658	1.70874E-02	-3.62820E-03	9.37867E-02	3.00	3.00	3.00	3.00
18659	2.45491E-02	-3.62677E-03	9.40744E-02	3.00	3.00	3.00	3.00

18661	G	2.359487E-02	-3.863020E-03	3.258149E-02	3.371040E-05	7.324241E-04	-3.4860768E-03
18662	G	1.668192E-02	-3.824921E-03	3.250504E-02	4.666752E-05	2.964371E-04	-3.401513E-03
18663	G	5.072579E-03	-3.781419E-03	4.233491E-02	8.229747E-05	-1.583184E-04	-1.260271E-03
18664	G	-1.141636E-02	-3.703577E-03	3.268227E-02	0.0	0.0	-1.732653E-03
18665	G	-1.842614E-02	-3.626445E-03	3.297225E-02	0.0	0.0	1.67414E-05
18666	G	-1.105490E-02	-3.524026E-03	3.309555E-02	0.0	0.0	1.674093E-03
18667	G	6.955557E-03	-3.362783E-03	3.343206E-02	-8.704950E-05	-4.051500E-04	3.622244E-03
18668	G	1.991624E-02	-3.294868E-03	3.384449E-02	-1.098515E-04	2.287539E-04	3.601061E-03
18669	G	2.763097E-02	-3.234558E-03	3.406435E-02	-1.646676E-04	8.744089E-04	3.882051E-03
18670	G	1.925451E-02	-3.161311E-03	3.331924E-02	0.0	0.0	0.0
18671	G	3.805054E-03	-4.766516E-03	3.232910E-02	8.229747E-05	6.267467E-06	-4.966032E-05
18672	G	6.084286E-03	-3.629023E-03	3.285988E-02	0.0	0.0	0.0
18673	G	2.575962E-03	-2.320800E-03	3.368247E-02	-8.704950E-05	-2.587843E-04	-4.966032E-05
18674	G	1.760364E-02	-2.156497E-03	3.465916E-02	0.0	0.0	0.0
18675	G	2.396623E-04	-2.689536E-03	2.848925E-02	0.0	2.747601E-03	2.892614E-02
18676	G	2.218429E-03	-5.043724E-03	2.836018E-02	0.0	2.641813E-03	-1.485586E-04
18677	G	1.332245E-03	-5.077125E-03	1.804091E-03	1.590499E-04	2.515562E-03	7.875075E-05
18678	G	1.497253E-03	-5.186740E-03	4.949819E-04	1.771783E-04	2.238831E-03	7.194451E-05
18679	G	2.225455E-03	-5.623396E-03	5.955534E-05	0.0	2.258864E-03	8.007343E-05
18680	G	3.056362E-03	-6.061535E-03	5.759519E-05	0.0	0.0	1.011222E-04
18681	G	5.563844E-03	-6.154735E-03	4.789261E-04	-1.635225E-04	2.337202E-03	1.060090E-04
18682	G	1.779550E-02	-5.833800E-03	1.790365E-03	-1.889318E-04	2.471139E-03	1.038118E-04
18683	G	1.805180E-02	-5.727895E-03	1.835088E-03	1.294528E-04	2.304879E-03	5.199433E-05
18684	G	2.074449E-02	-5.438495E-03	5.071795E-04	1.736104E-04	2.311634E-03	7.622071E-05
18685	G	2.229172E-02	-5.296402E-03	4.977366E-04	-1.581571E-04	2.394795E-03	1.715041E-04
18686	G	2.347172E-02	-6.132230E-03	1.839583E-03	-1.751975E-04	2.487850E-03	2.677455E-04
18687	G	2.380693E-02	-6.018575E-03	1.849530E-03	1.642203E-04	2.294731E-03	4.222790E-05
18688	G	2.393396E-02	-5.952708E-03	1.168074E-04	1.786945E-04	2.35684E-03	4.674688E-05
18689	G	2.479812E-02	-5.596611E-03	-9.45832E-04	0.0	0.0	7.005883E-05
18690	G	2.621760E-02	-5.221222E-03	1.166166E-04	0.0	0.0	1.461666E-04
18691	G	2.669131E-02	-5.144493E-03	5.08791E-04	-1.811765E-04	2.102914E-03	2.102914E-03
18692	G	2.843511E-02	-5.021568E-03	1.850714E-03	-1.589124E-04	2.614522E-03	2.263455E-03
18693	G	-4.663324E-03	-1.005789E-03	-4.592301E-02	0.0	2.686759E-03	2.29288E-04
18694	G	-5.87094E-03	-1.020798E-02	-4.888915E-02	0.0	2.201310E-04	4.963493E-05
18695	G	-1.791895E-02	-3.830862E-03	-4.888915E-02	0.0	0.0	-4.611149E-04
18696	G	-1.075514E-02	-5.430538E-03	-4.81744E-02	0.0	0.0	0.0
18697	G	-1.009408E-02	-6.237473E-03	-4.901391E-02	0.0	0.0	0.0
18698	G	-9.347618E-03	-6.985173E-03	-5.241496E-02	0.0	0.0	0.0
18699	G	3.833644E-03	-8.654155E-03	-5.065734E-02	-5.550697E-04	2.872765E-03	2.998531E-03
18700	G	1.539222E-02	-8.535214E-03	-4.720661E-02	0.0	2.843686E-03	2.07285E-03
18701	G	3.217677E-02	-8.085359E-03	-4.563786E-02	0.0	2.325394E-03	5.870687E-04
18702	G	2.508815E-02	-7.859312E-03	-4.714206E-02	0.0	1.607102E-03	-1.95157E-03
18703	G	1.315641E-02	-7.873088E-03	-5.011576E-02	4.759897E-04	1.778312E-03	-2.326958E-03
18704	G	2.392067E-02	-6.389406E-03	-4.915735E-02	0.0	0.0	0.0
18705	G	2.230411E-02	-6.792888E-03	-4.694491E-02	-2.256304E-03	-2.256304E-03	0.0
18706	G	2.044970E-02	-6.891627E-03	-4.537447E-02	0.0	0.0	0.0
18707	G	2.363937E-02	-8.132480E-03	-4.544877E-02	0.0	0.0	0.0
18708	G	2.672618E-02	-8.218644E-03	-4.607379E-02	-2.556350E-04	-2.720307E-03	0.0
18709	G	3.124698E-02	-8.564610E-03	-4.963609E-02	0.0	0.0	0.0
18710	G	-4.574042E-03	-2.928104E-03	-4.432675E-02	-1.299104E-03	-1.902221E-03	1.789781E-05
18711	G	-5.768724E-03	-1.122195E-02	-4.477734E-02	-2.28568E-03	-2.314750E-03	-4.671052E-04
18712	G	0.0	-7.369678E-03	-2.087101E-02	1.383322E-05	0.0	0.0
18713	G	-2.857912E-02	-3.842754E-03	-5.676941E-02	0.0	0.0	0.0
18714	G	-3.019191E-02	-3.266033E-03	-5.793343E-02	0.0	0.0	0.0
18715	G	-2.720477E-02	-3.639875E-03	-5.876463E-02	0.0	0.0	0.0
18716	G	-2.245964E-02	-3.467609E-03	-5.851633E-02	0.0	0.0	0.0
18717	G	-1.718629E-02	-3.701348E-03	-5.815843E-02	0.0	0.0	0.0
18718	G	-1.341074E-02	-3.966570E-03	-5.712665E-02	0.0	0.0	0.0
18719	G	-1.006711E-02	-4.370945E-03	-5.802800E-02	0.0	0.0	0.0
18720	G	-7.442676E-03	-4.120223E-03	-5.829478E-02	0.0	0.0	0.0
18721	G	-9.012725E-03	-4.287731E-03	-5.944310E-02	0.0	0.0	0.0
18722	G	-2.445249E-02	-2.646703E-03	-6.535918E-02	0.0	0.0	0.0
18723	G	-1.825046E-02	-2.810715E-03	-6.693190E-02	0.0	0.0	0.0

22701	-2.814166E-02	1.221237E-03	-7.399553E-02	0.0	0.0	0.0
22703	-2.949539E-02	-5.821407E-04	-7.440307E-02	0.0	0.0	0.0
22707	-2.628014E-02	-1.764277E-03	-7.527141E-02	0.0	0.0	0.0
22709	-2.204692E-02	-1.464597E-03	-7.541474E-02	0.0	0.0	0.0
22721	-1.604684E-02	-2.402084E-03	-7.521177E-02	0.0	0.0	0.0
22723	-1.524263E-02	-1.833658E-03	-7.641623E-02	0.0	0.0	0.0
22725	-7.354848E-03	-1.535990E-03	-7.559476E-02	0.0	0.0	0.0
22727	-5.028776E-03	-1.179826E-03	-7.536345E-02	0.0	0.0	0.0
22729	5.362452E-03	-1.120266E-03	-7.438374E-02	0.0	0.0	0.0
23100	2.255265E-02	-1.014749E-03	-7.234757E-02	0.0	0.0	0.0
25001	-1.421806E-02	3.433530E-03	-1.427087E-01	0.0	0.0	0.0
25003	-2.019366E-02	3.268670E-03	-1.396059E-01	0.0	0.0	0.0
25005	-1.680866E-02	2.241624E-03	-1.387011E-01	0.0	0.0	0.0
25009	-1.242749E-02	2.201582E-03	-1.387745E-01	0.0	0.0	0.0
25021	-3.304966E-03	6.370186E-03	-1.436484E-01	0.0	0.0	0.0
25025	-1.686650E-03	3.445442E-03	-1.403745E-01	0.0	0.0	0.0
25025	-4.545031E-04	2.509523E-04	-1.407874E-01	0.0	0.0	0.0
25041	-1.914909E-05	5.740910E-03	-1.439376E-01	0.0	0.0	0.0
25045	3.0	4.752070E-03	-1.432314E-01	0.0	0.0	0.0
25049	9.520122E-03	3.640568E-03	-1.427373E-01	0.0	0.0	0.0
25061	8.994124E-03	5.768746E-03	-1.446861E-01	0.0	0.0	0.0
25065	1.031214E-02	5.023475E-03	-1.446783E-01	0.0	0.0	0.0
25069	2.001544E-02	5.529378E-03	-1.415429E-01	0.0	0.0	0.0
26001	-1.057006E-02	7.423198E-03	-1.515212E-01	0.0	0.0	0.0
26009	-7.921033E-03	7.502175E-03	-1.535751E-01	0.0	0.0	0.0
26821	1.121028E-03	6.864125E-03	-1.532435E-01	0.0	0.0	0.0
26825	5.642020E-03	5.868471E-03	-1.516432E-01	0.0	0.0	0.0
26829	7.134244E-03	6.594604E-03	-1.506944E-01	0.0	0.0	0.0
26841	3.512456E-04	1.200023E-02	-1.534283E-01	0.0	0.0	0.0
26845	3.0	1.155015E-02	-1.533708E-01	0.0	0.0	0.0
26849	9.374602E-03	1.106976E-02	-1.510364E-01	0.0	0.0	0.0
26861	-6.202727E-04	1.332771E-02	-1.537105E-01	0.0	0.0	0.0
26865	6.842654E-03	1.157555E-02	-1.552045E-01	0.0	0.0	0.0
26869	1.304046E-02	1.407925E-02	-1.516045E-01	0.0	0.0	0.0
26905	1.763932E-02	1.076242E-02	-1.174146E-01	0.0	0.0	0.0
26921	2.532846E-02	1.379373E-02	-1.236306E-01	0.0	0.0	0.0
26925	1.604170E-02	1.375559E-02	-1.178411E-01	0.0	0.0	0.0
26929	3.393608E-02	1.373073E-02	-1.115175E-01	0.0	0.0	0.0
26941	2.330743E-03	2.542445E-02	-1.265542E-01	0.0	0.0	0.0
26945	3.0	2.34153E-02	-1.192734E-01	0.0	0.0	0.0
26949	1.243124E-02	2.527620E-02	-1.12437E-01	0.0	0.0	0.0
26961	-1.549074E-02	4.204550E-02	-1.265745E-01	0.0	0.0	0.0
26965	-5.003070E-04	3.114409E-02	-1.193605E-01	0.0	0.0	0.0
26969	-7.021113E-03	4.204550E-02	-1.138431E-01	0.0	0.0	0.0
30045	5.774363E-03	2.55362E-02	-1.186986E-01	0.0	0.0	0.0
31745	5.074357E-03	3.178442E-02	-1.037696E-01	-5.164673E-04	-1.530944E-03	3.606274E-04
33445	5.784530E-03	3.178442E-02	-1.037696E-01	-5.164673E-04	-2.608235E-03	2.516217E-04
34045	2.511315E-03	3.062072E-02	-1.602877E-01	-5.164673E-04	-3.531227E-03	6.069372E-05
34049	-1.241516E-03	3.111766E-02	6.637577E-01	-1.176640E-03	-4.323654E-03	-1.815327E-04
40141	3.111711E-02	1.246615E-02	7.966154E-01	3.545325E-03	-4.827779E-03	-5.106588E-04
40142	1.712755E-02	1.346616E-02	7.613741E-01	2.443327E-03	-4.733048E-03	-1.399353E-03
40145	5.179581E-03	1.434615E-02	2.465426E-01	-4.978296E-05	-4.733048E-03	-1.40061E-03
40147	-5.427290E-03	1.454155E-02	2.653225E-01	-2.046444E-03	-4.733048E-03	-1.026995E-03
40149	-1.5717659E-03	1.454155E-02	2.653225E-01	-4.996034E-03	-4.733048E-03	-4.892161E-04
40149	-3.051925E-02	1.454155E-02	2.653225E-01	-4.996034E-03	-4.733048E-03	-1.152245E-03
40149	-4.693000E-02	1.454155E-02	2.653225E-01	-4.996034E-03	-4.733048E-03	-1.485588E-03
42245	-8.833613E-03	-1.132104E-03	6.759154E-01	-1.099455E-02	-4.733048E-03	-1.700959E-03
44345	-1.077931E-02	3.367792E-02	3.522114E-01	-2.612765E-03	-3.738570E-03	-1.320701E-03
44345	-9.556258E-03	3.367792E-02	3.522114E-01	-2.612765E-03	-1.563660E-03	-1.854146E-03
46445	-7.762767E-03	-7.130214E-02	4.221734E-01	-3.57117E-03	-1.836472E-04	-2.136779E-03
46445	-2.752293E-02	-4.543473E-02	4.110722E-01	-4.539210E-03	-1.775249E-03	-2.520282E-03
46845	5.367538E-02	-3.704119E-02	3.717152E-01	-9.523244E-03	-2.550146E-03	-7.962715E-03
49745	3.775425E-02	-3.294405E-02	3.516593E-01	-1.327803E-01	3.455796E-03	-1.206934E-02
50645	1.267407E-01	-1.767370E-02	3.177775E-01	-1.777913E-02	-4.317913E-03	-1.701993E-02
51445	1.741426E-01	-4.404843E-02	2.712594E-01	-2.436799E-02	5.70167E-03	-2.304124E-02
52045	2.447401E-01	4.404843E-02	2.312241E-01	-2.912017E-02	5.339405E-03	-3.041841E-02
52045	2.447401E-01	4.404843E-02	2.312241E-01	-2.912017E-02	5.793087E-03	-1.844807E-02

61912	2.827100E-02	-4.346340E-03	1.265011E-02	9.949177E-05	1.093773E-03	-3.491099E-04
61913	2.600331E-02	-3.923525E-03	1.265011E-02	9.949177E-05	1.093773E-03	-8.249466E-04
61914	2.553845E-02	-3.502033E-03	1.265011E-02	9.949177E-05	1.093773E-03	-3.149105E-03
61915	1.465208E-02	-2.916033E-03	3.245521E-02	1.229133E-04	1.601588E-03	-5.627122E-04
61916	1.062028E-02	-2.792399E-03	3.245521E-02	1.229133E-04	1.601588E-03	7.747899E-04
61917	8.495779E-03	-1.546055E-03	3.245521E-02	1.229133E-04	1.601588E-03	-5.011202E-04
61918	2.019295E-02	-6.354645E-03	3.245521E-02	1.229133E-04	1.601588E-03	-8.910798E-04
61919	1.791219E-02	-5.915418E-03	2.339116E-03	1.628066E-04	2.591775E-03	-9.289258E-05
61920	1.584285E-02	-5.743543E-03	2.339116E-03	1.628066E-04	2.591775E-03	-1.500121E-03
61921	3.838747E-03	-5.082034E-03	2.043203E-03	1.825510E-04	2.512652E-03	-2.086046E-04
61922	2.100142E-03	-4.957899E-03	2.043203E-03	1.825510E-04	2.512652E-03	4.215237E-05
61923	-4.667646E-04	-4.711694E-03	2.043203E-03	1.825510E-04	2.512652E-03	7.166851E-05
61924	2.300206E-03	-4.591160E-03	2.043203E-03	1.825510E-04	2.512652E-03	-1.321127E-04
61925	1.650471E-04	-4.592162E-03	2.043203E-03	1.825510E-04	2.512652E-03	2.875656E-03
61926	-1.447132E-03	-4.592162E-03	2.043203E-03	1.825510E-04	2.512652E-03	5.073621E-05
62211	1.452685E-02	-5.372581E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
62212	2.931394E-02	-4.950506E-03	3.245521E-02	1.229133E-04	1.601588E-03	-8.422537E-04
62213	6.863237E-03	-3.238130E-03	3.245521E-02	1.229133E-04	1.601588E-03	6.712208E-04
62214	4.544649E-03	-2.460874E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
62215	2.799420E-02	-7.069505E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
62216	2.020606E-02	-6.618641E-03	3.245521E-02	1.229133E-04	1.601588E-03	-5.854033E-04
62226	4.408870E-03	-5.137339E-03	3.245521E-02	1.229133E-04	1.601588E-03	-1.401215E-03
62229	-1.531797E-03	-4.549447E-03	3.245521E-02	1.229133E-04	1.601588E-03	-1.737257E-04
62231	5.265120E-03	-8.913354E-03	3.245521E-02	1.229133E-04	1.601588E-03	-1.796899E-05
62239	-1.653260E-03	-6.382540E-03	3.245521E-02	1.229133E-04	1.601588E-03	-1.716120E-04
62811	3.623520E-02	-6.319370E-03	3.245521E-02	1.229133E-04	1.601588E-03	4.566630E-05
62819	7.543304E-03	-2.945960E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
62821	2.986995E-02	-7.188446E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
62829	1.580626E-03	-4.886314E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
62831	8.107021E-03	-8.979251E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
62839	1.300647E-03	-8.453167E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
63411	3.788529E-02	-6.711792E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
63419	1.118027E-02	-3.403295E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
63421	3.140483E-02	-8.135311E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
63429	4.904650E-03	-5.262315E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
63431	1.111761E-02	-9.033337E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
63439	4.421581E-03	-8.974808E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
64211	4.067144E-02	-7.576545E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
64219	1.921424E-02	-4.153904E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
64221	3.358052E-02	-8.609142E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
64229	1.532866E-02	-9.122710E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
64231	8.754980E-03	-8.589495E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
64739	4.264665E-02	-8.342307E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65011	2.110042E-02	-4.977535E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65019	3.566337E-02	-9.017579E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65021	1.393277E-02	-6.420996E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65029	1.939282E-02	-9.204052E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65031	1.287852E-02	-8.119275E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65039	4.505970E-02	-8.954473E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65911	2.605967E-02	-5.997375E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65919	3.758422E-02	-9.345084E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65921	1.828606E-02	-7.379265E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65929	2.341270E-02	-9.434104E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65931	1.697855E-02	-8.895569E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
65939	3.282814E-02	-2.967058E-03	3.245521E-02	1.229133E-04	1.601588E-03	0.0
71912	3.105281E-02	-3.251339E-03	3.245521E-02	1.229133E-04	1.601588E-03	3.876720E-03
71913	2.940714E-02	-3.514856E-03	3.245521E-02	1.229133E-04	1.601588E-03	5.117743E-04
71914	1.375278E-02	-4.237823E-03	3.245521E-02	1.229133E-04	1.601588E-03	3.609567E-03
71917	1.129384E-02	-4.554957E-03	3.245521E-02	1.229133E-04	1.601588E-03	1.008632E-03
71918	4.371074E-03	-4.931655E-03	3.245521E-02	1.229133E-04	1.601588E-03	-2.606965E-04
71922	2.511898E-02	-4.974194E-03	3.245521E-02	1.229133E-04	1.601588E-03	7.989705E-04
71923	2.270791E-02	-5.178496E-03	3.245521E-02	1.229133E-04	1.601588E-03	4.665867E-04
71924	2.048862E-02	-5.366545E-03	3.245521E-02	1.229133E-04	1.601588E-03	2.952127E-04
71926	7.533923E-03	-6.154627E-03	3.245521E-02	1.229133E-04	1.601588E-03	9.129476E-04
71927	5.682632E-03	-6.137062E-03	3.245521E-02	1.229133E-04	1.601588E-03	-2.678365E-03

71243	2.95269E-03	-5.51371E-03	2.12059E-03	-2.06265E-04	2.61850E-03	-6.12567E-04
71244	1.04714E-02	-8.26035E-03	-5.03330E-02	-2.51532E-04	1.77537E-03	-2.53270E-04
71245	9.33375E-03	-6.23878E-03	-5.03330E-02	-2.31632E-04	1.77537E-03	-2.53270E-04
71246	8.03420E-03	-4.37092E-03	-5.03330E-02	-2.31632E-04	1.77537E-03	-2.53270E-04
71247	3.65667E-03	-1.59478E-03	3.44340E-02	3.00	3.00	3.00
71248	3.25374E-02	-5.53415E-03	3.44340E-02	-3.61569E-04	2.63726E-03	5.22934E-04
71249	6.13555E-03	-5.88676E-03	3.44340E-02	-3.61569E-04	2.63726E-03	5.22934E-04
71250	3.14350E-02	-3.19452E-03	1.25373E-03	-9.61001E-04	5.56349E-04	2.08169E-04
71251	2.31433E-03	-6.78542E-03	1.25373E-03	-4.13337E-05	1.53432E-03	6.34135E-04
71252	6.47676E-03	-6.71432E-03	1.36351E-03	-2.53942E-04	2.73035E-03	-3.43823E-04
71253	2.57203E-04	-7.14273E-03	1.36351E-03	-4.49501E-04	3.76701E-03	-4.68552E-04
71254	3.13370E-03	-8.77057E-03	-5.04457E-02	5.94325E-04	1.43639E-03	-2.78243E-04
71255	8.81955E-04	-4.26555E-03	-5.04457E-02	1.58557E-04	2.44315E-03	-2.14572E-03
71256	1.80777E-02	-1.26365E-03	3.36933E-02	3.00	3.00	3.00
71257	7.45369E-03	-2.3553E-03	3.36933E-02	3.00	3.00	3.00
71258	3.12293E-02	-1.72261E-03	8.33109E-05	3.00	3.00	3.00
71259	9.75867E-04	-7.19742E-03	6.38287E-05	3.00	3.00	3.00
71260	7.58489E-03	-5.95666E-03	-5.11362E-02	3.00	3.00	3.00
71261	6.19372E-04	-9.38321E-03	-5.11362E-02	3.00	3.00	3.00
71262	3.76750E-02	-6.73821E-04	3.25844E-02	3.00	3.00	3.00
71263	8.63774E-03	-5.46835E-03	3.25844E-02	3.00	3.00	3.00
71264	1.00931E-03	-7.43131E-03	-1.25362E-03	3.00	3.00	3.00
71265	8.55317E-03	-7.43131E-03	-1.25362E-03	3.00	3.00	3.00
71266	1.06974E-03	-9.44265E-03	-5.07136E-02	3.00	3.00	3.00
71267	3.71326E-02	-9.44265E-03	-5.07136E-02	3.00	3.00	3.00
71268	1.35470E-02	-4.19342E-04	1.17375E-02	3.00	3.00	3.00
71269	2.96202E-03	-5.34515E-03	3.17919E-02	3.00	3.00	3.00
71270	4.26787E-03	-3.88697E-03	-2.87434E-03	-4.74937E-04	3.62743E-03	-2.21874E-04
71271	9.26761E-03	-9.45435E-03	-2.88697E-03	3.00	3.00	3.00
71272	1.53503E-03	-9.45435E-03	-2.88697E-03	3.00	3.00	3.00
71273	3.66313E-03	-9.45435E-03	-2.88697E-03	3.00	3.00	3.00
71274	1.15554E-02	-9.45435E-03	-2.88697E-03	3.00	3.00	3.00
71275	2.54497E-02	-9.45435E-03	-2.88697E-03	3.00	3.00	3.00
71276	3.06153E-03	-9.45435E-03	-2.88697E-03	3.00	3.00	3.00
71277	9.40758E-03	-9.45435E-03	-2.88697E-03	3.00	3.00	3.00
71278	1.77544E-03	-9.45435E-03	-2.88697E-03	3.00	3.00	3.00
71279	3.61320E-02	-7.35292E-03	3.24379E-02	3.00	3.00	3.00
71280	1.30830E-02	-4.61302E-03	3.24379E-02	3.00	3.00	3.00
71281	2.09434E-02	-4.61302E-03	3.24379E-02	3.00	3.00	3.00
71282	3.51345E-03	-7.75257E-03	-5.91184E-03	3.00	3.00	3.00
71283	9.74976E-03	-4.43137E-03	-4.75823E-02	-6.12127E-04	6.42312E-03	-3.54227E-04
71284	6.04254E-03	-4.43137E-03	-4.75823E-02	3.00	3.00	3.00
71285	1.70557E-02	-4.15444E-02	-7.66251E-02	-1.54632E-04	2.64252E-03	7.478051E-04
71286	1.80374E-02	-3.43252E-03	-1.02602E-01	3.00	3.00	3.00
71287	3.33012E-02	-1.43876E-02	-1.01531E-01	3.00	3.00	3.00
71288	3.77557E-03	-2.75576E-03	-1.39735E-01	-1.54632E-04	2.64252E-03	7.478051E-04
71289	9.25783E-03	5.76874E-03	-1.44702E-01	3.00	3.00	3.00
71290	1.14723E-02	5.62347E-03	-1.44702E-01	3.00	3.00	3.00
71291	1.81035E-02	5.62347E-03	-1.44702E-01	3.00	3.00	3.00
71292	1.31162E-02	5.62347E-03	-1.44702E-01	3.00	3.00	3.00
71293	3.15997E-02	5.62347E-03	-1.44702E-01	3.00	3.00	3.00
71294	1.80427E-03	1.31271E-02	-1.54198E-01	3.00	3.00	3.00
71295	3.51555E-03	1.40082E-02	-1.52776E-01	3.00	3.00	3.00
71296	3.70557E-02	1.40082E-02	-1.52776E-01	3.00	3.00	3.00
71297	8.05445E-02	-2.46149E-03	-6.68302E-02	-6.88854E-04	1.09851E-02	-9.05731E-05
71298	5.27867E-02	-2.46149E-03	-6.68302E-02	-6.88854E-04	1.09851E-02	-9.05731E-05
71299	1.44215E-03	-3.56776E-03	3.24523E-02	-6.88854E-04	1.09851E-02	-9.05731E-05
71300	4.16054E-02	-3.56776E-03	3.24523E-02	-6.88854E-04	1.09851E-02	-9.05731E-05
71301	-9.74761E-02	3.37723E-03	3.24523E-02	-6.88854E-04	1.09851E-02	-9.05731E-05
71302	1.93345E-03	3.37723E-03	3.24523E-02	-6.88854E-04	1.09851E-02	-9.05731E-05
71303	-1.74528E-01	9.22127E-03	3.24523E-02	-6.88854E-04	1.09851E-02	-9.05731E-05
71304	-2.70861E-01	8.71322E-03	3.24523E-02	-6.88854E-04	1.09851E-02	-9.05731E-05
71305	-3.45330E-01	1.26523E-02	3.24523E-02	-6.88854E-04	1.09851E-02	-9.05731E-05

203106	1.744963E-01	1.75144E-02	3.305721E-02	-3.084713E-04	-4.141594E-03	-9.057314E-05
203114	-1.885974E-01	1.61419E-02	3.333203E-02	-3.962604E-05	8.400004E-04	-9.057314E-05
203121	-1.665029E-01	1.760257E-02	1.357269E-02	1.933956E-04	5.692927E-03	-9.057314E-05
203129	-1.307977E-01	1.304088E-02	4.384731E-02	4.262831E-04	1.721854E-02	-9.057314E-05
203137	-2.064740E-01	8.553221E-03	3.384731E-02	5.946131E-04	1.364562E-02	-9.057314E-05
203145	-8.693124E-02	3.743586E-03	3.384731E-02	6.963609E-04	1.571764E-02	-9.057314E-05
203153	1.751835E-02	-1.428147E-03	3.384731E-02	7.288731E-04	1.638076E-02	-9.057314E-05
203159	7.351965E-02	3.439145E-03	3.384731E-02	7.288731E-04	1.638076E-02	-9.057314E-05
211001	1.264299E-01	5.597917E-02	-8.60131E-02	1.651761E-03	-1.484230E-03	-4.006489E-04
211002	9.266317E-02	-1.034609E-01	-4.468495E-03	-1.676704E-03	-1.236067E-03	-1.276450E-03
211073	-8.054453E-02	-4.44168E-03	1.526712E-01	-6.88548E-04	-1.098514E-02	-9.057314E-05
211077	-8.278620E-02	-4.44168E-03	1.526712E-01	-6.88548E-04	-1.098514E-02	-9.057314E-05
214075	-8.166540E-02	-4.44168E-03	1.526712E-01	-6.88548E-04	-1.098514E-02	-9.057314E-05
214901	1.264299E-01	4.018079E-02	1.917365E-01	-6.88548E-04	-1.098514E-02	-9.057314E-05
214902	9.266317E-02	-5.113645E-02	4.004966E-02	-1.651761E-03	-1.484230E-03	-4.006489E-04
215101	3.356195E-02	-4.165240E-03	7.22761E-02	-2.016531E-03	-1.236067E-03	1.276450E-03
215102	2.597208E-02	-8.599523E-03	7.639303E-02	-2.177989E-03	-5.941752E-03	2.144455E-03
215201	-2.185439E-02	1.422161E-03	1.012477E-01	-1.107395E-03	-6.477357E-03	1.288478E-03
215202	-1.805564E-02	-2.359822E-03	1.344539E-01	-9.274230E-04	-6.171208E-03	1.148167E-03
222001	1.261368E-01	-6.799579E-02	-1.765327E-02	-2.491457E-03	-5.664126E-03	-1.117926E-03
222002	9.243631E-02	9.352414E-02	1.474231E-02	-4.052285E-03	-1.552965E-03	1.006966E-04
222201	1.982575E-02	-1.380293E-02	-3.886636E-02	-2.511315E-03	-5.137224E-03	5.680734E-04
222702	2.046599E-02	1.242861E-02	-2.427579E-02	3.720799E-03	-4.698388E-03	2.274324E-03
223301	-1.825045E-02	-2.413715E-03	-6.691932E-02	-1.365138E-03	-5.444139E-03	-1.429699E-03
223302	-2.425269E-02	-2.446733E-03	-6.535918E-02	1.731447E-03	-5.194345E-03	1.617451E-03
223401	1.261368E-01	-6.653059E-02	5.145386E-03	-2.491457E-03	-1.552965E-03	8.503399E-04
223402	9.243631E-02	1.017716E-01	3.865594E-02	-4.052285E-03	-1.552965E-03	1.006966E-04
520014	2.945039E-01	4.559008E-02	1.416549E-01	-3.335913E-02	1.629426E-03	5.460734E-04
520024	3.184703E-01	4.559008E-02	1.209729E-01	-3.335913E-02	5.793087E-03	-1.865309E-02
520057	4.683134E-01	4.559167E-02	1.049547E-02	-3.464652E-02	5.793087E-03	1.866031E-02
520065	4.813681E-01	4.559203E-02	-1.598880E-02	-3.559302E-02	5.793087E-03	-4.224563E-02
520068	4.962182E-01	4.559220E-02	-2.924630E-02	-3.607688E-02	5.793087E-03	-4.683819E-02
520079	5.501167E-01	4.559577E-02	-6.895149E-02	-3.741768E-02	5.793087E-03	-4.884316E-02
520135	8.444758E-01	4.562108E-02	-2.932322E-01	-4.351985E-02	5.793087E-03	-6.453921E-02
520139	9.118189E-01	4.562344E-02	-3.161231E-01	-4.372202E-02	5.793087E-03	-6.491164E-02
523152	1.000000E 00	4.563042E-02	-3.736049E-01	-4.395778E-02	5.793087E-03	-6.751444E-02
520185	1.222663E 00	4.563092E-02	-5.185773E-01	-4.395778E-02	5.793087E-03	-6.751444E-02

44-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 4913 LBS GROSS WEIGHT  
 NATURAL FREQUENCIES AND MODE SHAPE  
 ELEMENTAL NO. 3-245890E-04

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	3	3.70049E-03	0.44310E-02	1.42008E-02	0.0	0.0	0.0
3332	3	3.10497E-03	0.44310E-02	2.21520E-02	0.0	0.0	0.0
3333	3	1.03150E-03	0.44310E-02	1.46213E-02	0.0	0.0	0.0
3334	3	3.06801E-04	0.44310E-02	2.21520E-02	0.0	0.0	0.0
3335	3	8.31950E-03	5.72001E-02	2.13463E-02	0.0	0.0	0.0
3336	3	0.32931E-03	6.24765E-02	1.78798E-02	0.0	0.0	0.0
3337	3	0.42305E-03	6.24765E-02	8.61140E-03	0.0	0.0	0.0
3338	3	7.70642E-03	5.72473E-02	1.20805E-02	0.0	0.0	0.0
3339	3	8.92810E-03	5.65635E-02	2.26236E-02	0.0	0.0	0.0
3340	3	8.90616E-03	5.65635E-02	1.33490E-02	0.0	0.0	0.0
3341	3	0.45031E-03	1.43666E-02	1.87833E-02	0.0	0.0	0.0
3342	3	2.71116E-03	1.43666E-02	9.49822E-03	0.0	0.0	0.0
3343	3	0.94231E-03	5.90958E-02	1.92595E-02	0.0	0.0	0.0
3344	3	8.13629E-03	5.92136E-02	1.33737E-02	0.0	0.0	0.0
3345	3	9.74237E-03	5.90868E-02	2.51254E-02	0.0	0.0	0.0
3346	3	0.90132E-03	5.08968E-02	1.93047E-02	0.0	0.0	0.0
3347	3	0.49226E-03	5.09471E-02	1.34218E-02	0.0	0.0	0.0
3348	3	7.74259E-03	5.09471E-02	1.92151E-02	0.0	0.0	0.0
3349	3	1.04046E-02	5.09471E-02	2.60445E-02	0.0	0.0	0.0
3350	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3351	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3352	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3353	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3354	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3355	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3356	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3357	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3358	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3359	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3360	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3361	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3362	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3363	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3364	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3365	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3366	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3367	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3368	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3369	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3370	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3371	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3372	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3373	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3374	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3375	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3376	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3377	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3378	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3379	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3380	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3381	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3382	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3383	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3384	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3385	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3386	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3387	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3388	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3389	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3390	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3391	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3392	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3393	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3394	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3395	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3396	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3397	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3398	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3399	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3400	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3401	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3402	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3403	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3404	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3405	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3406	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3407	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3408	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3409	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3410	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3411	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3412	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3413	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3414	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3415	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3416	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3417	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3418	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3419	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3420	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3421	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3422	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3423	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3424	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3425	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3426	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3427	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3428	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3429	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3430	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3431	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3432	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3433	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3434	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3435	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3436	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3437	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3438	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3439	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3440	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3441	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3442	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3443	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3444	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3445	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3446	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3447	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3448	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3449	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3450	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0
3451	3	2.29761E-03	3.86355E-02	1.35757E-02	0.0	0.0	0.0
3452	3	5.97597E-03	3.86355E-02	2.01159E-02	0.0	0.0	0.0
3453	3	1.06581E-02	3.86355E-02	2.60445E-02	0.0	0.0	0.0
3454	3	0.63117E-03	3.86355E-02	1.94493E-02	0.0	0.0	0.0

9313	1.3090608-02	9.490578E-02	1.3181395E-02	0.0	0.0
9317	-9.256442E-03	6.461679E-02	-1.371918E-02	0.0	0.0
9331	1.271414E-02	2.691045E-02	2.307071E-02	0.0	0.0
9333	6.360742E-03	2.695706E-02	1.365959E-02	0.0	0.0
9337	-5.231032E-03	2.725998E-02	-1.456160E-02	0.0	0.0
9339	-1.247391E-02	2.728759E-02	-2.222529E-02	0.0	0.0
9341	6.616646E-03	1.333708E-02	2.584253E-02	0.0	0.0
9343	9.343	1.286757E-02	1.354982E-02	0.0	0.0
9347	-5.097754E-03	1.248644E-02	-1.460884E-02	0.0	0.0
9349	0.0	1.232405E-02	-2.512306E-02	0.0	0.0
9361	1.042349E-02	1.177171E-03	2.359954E-02	0.0	0.0
9363	7.219754E-03	3.161238E-03	1.338013E-02	0.0	0.0
9367	-4.705163E-03	3.037562E-03	-1.466524E-02	0.0	0.0
9369	-7.84875E-03	3.095224E-03	-2.373243E-02	0.0	0.0
9371	1.131545E-02	-5.149640E-03	2.298754E-02	0.0	0.0
9373	0.0	-5.274722E-03	1.473419E-02	0.0	0.0
9375	0.0	-5.009439E-03	-1.526513E-02	0.0	0.0
9379	-8.40787E-03	-4.828338E-03	-2.328837E-02	0.0	0.0
9379	1.142548E-02	6.394050E-03	1.911871E-02	0.0	0.0
11300	1.043866E-02	1.890928E-02	0.0	0.0	0.0
11503	-3.90247E-03	1.890928E-02	0.0	0.0	0.0
11507	1.132617E-02	9.544030E-03	0.0	0.0	0.0
11531	5.331952E-03	3.520363E-03	0.0	0.0	0.0
11537	-4.340269E-03	9.624556E-03	-1.238297E-02	0.0	0.0
11539	-1.008137E-02	9.660572E-03	0.0	0.0	0.0
11543	5.873386E-03	5.906725E-04	3.538594E-03	0.0	0.0
11547	-6.502073E-03	5.906725E-04	-1.239318E-02	0.0	0.0
11561	8.044367E-03	-7.518385E-03	1.494032E-02	0.0	0.0
11563	6.316550E-03	-7.542815E-03	8.515496E-03	0.0	0.0
11567	-6.242875E-03	-6.661002E-03	-1.238680E-02	0.0	0.0
11569	-5.961843E-03	-6.639171E-03	-1.683571E-02	0.0	0.0
11571	1.33049E-02	0.0	1.338206E-02	0.0	0.0
11579	-1.098056E-02	0.0	-1.561035E-02	0.0	0.0
11700	-4.404839E-03	5.802933E-03	-1.822748E-02	0.0	0.0
11500	-4.460826E-05	-1.990778E-02	-2.378448E-03	0.0	0.0
13001	5.023010E-03	5.354795E-04	4.379340E-03	0.0	0.0
13003	5.622800E-03	1.274931E-03	2.535680E-03	0.0	0.0
13407	-1.374259E-03	1.251045E-03	7.084306E-03	0.0	0.0
13409	-7.724559E-04	5.119247E-04	-9.147424E-03	0.0	0.0
13421	2.678465E-03	-3.211423E-03	5.132469E-03	0.0	0.0
13423	2.969944E-03	-3.245573E-03	2.670219E-03	0.0	0.0
13427	2.250502E-04	-3.263084E-03	-7.200010E-03	0.0	0.0
13429	4.887937E-04	-3.216998E-03	-1.000913E-02	0.0	0.0
13431	9.616625E-03	-6.100416E-03	5.511336E-03	0.0	0.0
13433	3.961943E-03	-6.107021E-03	3.079511E-03	0.0	0.0
13437	-2.181315E-03	-6.202169E-03	-7.391457E-03	0.0	0.0
13439	-7.8940859E-03	-6.260231E-03	-1.078162E-02	0.0	0.0
13441	0.0	-1.076743E-02	6.264187E-03	0.0	0.0
13443	4.456829E-03	-1.068799E-02	3.227424E-03	0.0	0.0
13447	-2.779325E-03	-1.068167E-02	-7.394172E-03	0.0	0.0
13448	-2.752178E-03	-8.894604E-03	-7.500913E-03	0.0	0.0
13449	0.0	-8.968208E-03	-8.564307E-03	0.0	0.0
13461	4.178304E-03	-1.420596E-02	6.572740E-03	0.0	0.0
13463	4.631832E-03	-1.419609E-02	3.219596E-03	0.0	0.0
13467	-3.260178E-03	-1.197333E-02	-7.73479E-03	0.0	0.0
13469	-3.965262E-03	-1.199000E-02	-1.064666E-02	0.0	0.0
13471	6.179936E-03	0.0	6.946966E-03	0.0	0.0
13479	-9.889361E-03	0.0	-9.003114E-03	0.0	0.0
14001	5.023010E-03	-4.376035E-03	5.960949E-03	0.0	0.0
14003	2.973228E-03	-4.308334E-03	3.185586E-03	0.0	0.0
14007	1.368832E-03	-3.994646E-03	-6.625079E-03	0.0	0.0
14009	-7.724559E-04	-4.362654E-03	-9.389430E-03	0.0	0.0
14021	2.016306E-03	-7.999063E-03	6.586533E-03	0.0	0.0
14023	2.483674E-03	-8.143242E-03	3.185586E-03	0.0	0.0
14027	7.343539E-04	-8.141395E-03	-6.625079E-03	0.0	0.0
14029	1.169079E-03	-7.994093E-03	-1.000326E-02	0.0	0.0



4.33277E-03	-1.14540E-02	5.745312E-03	0.0	0.0	0.0
3.55513E-03	1.11377E-02	5.994733E-03	0.0	0.0	0.0
1.55533E-03	1.11764E-03	5.555724E-03	0.0	0.0	0.0
-7.55475E-03	-1.115492E-02	5.120339E-03	0.0	0.0	0.0
0.0	1.135091E-02	5.146694E-03	0.0	0.0	0.0
3.95937E-03	-1.55727E-02	5.551565E-03	0.0	0.0	0.0
-2.33335E-03	1.55555E-03	5.55555E-03	0.0	0.0	0.0
0.0	1.55735E-02	5.55555E-03	0.0	0.0	0.0
2.73609E-03	-1.55145E-02	5.77545E-03	0.0	0.0	0.0
4.03444E-03	1.552203E-02	5.725220E-03	0.0	0.0	0.0
-1.75197E-03	-1.48370E-02	5.251915E-03	0.0	0.0	0.0
-1.07413E-03	-1.47103E-02	5.74757E-03	0.0	0.0	0.0
3.555512E-03	-1.73985E-02	5.165597E-03	0.0	0.0	0.0
6.15871E-04	-1.71823E-02	5.623569E-03	0.0	0.0	0.0
6.46107E-04	-1.73098E-02	5.629231E-03	0.0	0.0	0.0
-1.95602E-03	-1.68716E-02	7.956535E-03	0.0	0.0	0.0
2.21115E-03	-8.9349E-03	5.51456E-03	6.65937E-04	1.655791E-03	0.0
1.55468E-03	-5.8667E-03	7.97738E-03	6.65457E-04	1.65341E-03	0.0
1.55337E-03	-5.8667E-03	6.11136E-03	0.0	0.0	0.0
2.57358E-03	-2.69463E-03	5.61179E-03	0.0	0.0	0.0
1.33032E-03	-2.68071E-03	6.09479E-03	0.0	0.0	0.0
2.57358E-03	-5.6515E-03	5.63143E-03	0.0	0.0	0.0
6.78453E-03	-6.32233E-03	4.38711E-03	0.0	0.0	0.0
2.27157E-03	8.33512E-03	1.23395E-03	0.0	0.0	0.0
1.65692E-03	-7.07609E-03	6.86553E-03	0.0	0.0	0.0
1.57716E-03	-6.37553E-03	5.55555E-03	0.0	0.0	0.0
5.65377E-03	0.0	5.58035E-03	0.0	0.0	0.0
1.65311E-03	0.0	6.326021E-03	0.0	0.0	0.0
1.65311E-03	-1.65311E-03	6.751120E-03	0.0	0.0	0.0
6.74831E-04	-1.45271E-02	0.0	0.0	0.0	0.0
1.11345E-04	-1.34541E-02	0.0	0.0	0.0	0.0
-3.15555E-04	-1.11345E-02	0.0	0.0	0.0	0.0
-5.34335E-04	-1.11345E-02	0.0	0.0	0.0	0.0
5.74811E-04	-1.11345E-02	0.0	0.0	0.0	0.0
-2.61635E-04	-1.45951E-03	2.93575E-03	0.0	0.0	0.0
3.42441E-04	-1.954161E-03	1.954161E-03	0.0	0.0	0.0
3.64141E-03	-1.59849E-03	1.59849E-03	0.0	0.0	0.0
1.55555E-03	-1.57145E-03	2.767421E-03	0.0	0.0	0.0
-4.55555E-03	-5.746031E-03	3.373256E-03	0.0	0.0	0.0
-4.93972E-04	-5.746031E-03	1.916745E-03	0.0	0.0	0.0
1.65311E-03	-5.69197E-03	2.13192E-04	0.0	0.0	0.0
3.84280E-03	-6.03145E-03	1.46608E-03	0.0	0.0	0.0
4.33199E-03	-6.03475E-03	3.157479E-03	0.0	0.0	0.0
-1.31654E-04	-5.69352E-03	2.123466E-03	0.0	0.0	0.0
0.0	-5.71494E-03	1.735589E-03	0.0	0.0	0.0
0.0	-5.94533E-03	1.166741E-04	0.0	0.0	0.0
0.0	-5.94533E-03	1.166741E-04	0.0	0.0	0.0
-2.11435E-03	-5.85369E-03	2.142616E-03	0.0	0.0	0.0
-3.11763E-03	-5.739911E-03	2.15017E-03	0.0	0.0	0.0
-2.19116E-03	-5.61493E-03	2.16763E-03	0.0	0.0	0.0
-2.33342E-03	-5.71393E-03	2.132317E-03	0.0	0.0	0.0
-1.30445E-03	-5.39182E-03	1.181531E-03	0.0	0.0	0.0
-7.16157E-04	-5.39836E-03	3.57119E-04	0.0	0.0	0.0
2.34164E-04	-5.39836E-03	4.77171E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
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1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
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1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
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1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
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1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
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1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
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1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529766E-04	0.0	0.0	0.0
1.52977E-03	-5.5	1.529			

18661	1.741700E-03	2.197100E-03	2.012749E-04	3.022794E-04	-1.465193E-04
18662	-1.976711E-03	2.094251E-03	1.733746E-04	2.986127E-04	-5.352304E-05
18663	-2.075007E-03	1.803353E-03	2.691250E-04	2.750340E-04	-8.802407E-06
18664	-1.254296E-03	1.150377E-03	0.0	0.0	1.542243E-04
18665	-3.835153E-04	9.765174E-03	3.816449E-04	0.0	2.306609E-04
18666	9.466000E-04	9.797323E-03	3.766344E-04	0.0	2.132004E-04
18667	2.047141E-03	9.644177E-03	2.652347E-04	-2.360940E-04	1.045015E-04
18668	2.324872E-03	9.440161E-03	1.249413E-03	-2.271466E-04	6.550441E-06
18669	2.360233E-03	9.360087E-03	-1.377627E-03	-2.141450E-04	-6.487831E-05
18670	6.075626E-04	7.435525E-03	2.513521E-03	0.0	0.0
18671	1.265406E-03	7.205115E-03	1.621414E-03	2.602142E-04	-3.521341E-05
18672	1.612712E-04	7.641345E-03	3.667242E-04	0.0	0.0
18673	-6.431428E-04	7.475579E-03	2.622691E-04	-2.652437E-04	-8.523398E-05
18674	-2.725597E-04	7.439045E-03	1.714302E-03	0.0	0.0
18675	1.339706E-03	9.133241E-03	4.325766E-04	0.0	0.0
18676	-9.173543E-04	8.139330E-03	-1.557907E-04	0.0	0.0
18677	-2.553674E-03	-1.097905E-02	1.726954E-03	9.749938E-05	-2.531651E-04
18678	-1.410325E-03	-1.056749E-02	1.226873E-03	-6.931063E-05	-7.541491E-04
18679	-1.069502E-03	-1.049041E-02	9.313355E-04	-6.101644E-05	1.428813E-04
18680	1.943629E-04	-1.035789E-02	3.457356E-04	-4.449348E-05	1.523877E-04
18681	1.454060E-03	-1.044254E-02	1.129267E-04	0.0	1.662090E-04
18682	1.759686E-03	-1.050821E-02	6.310270E-04	5.512643E-05	1.462645E-04
18683	-2.829277E-03	-1.090655E-02	-1.278031E-03	7.447949E-05	1.350247E-04
18684	-2.710497E-03	-9.536344E-03	1.723023E-03	3.649497E-05	1.366591E-04
18685	-1.803185E-03	-9.556628E-03	1.179560E-03	-8.480679E-05	6.955008E-05
18686	2.747476E-03	-9.471255E-03	6.032209E-04	-2.077999E-05	1.433885E-04
18687	3.193946E-03	-9.582518E-03	-1.272919E-03	1.413827E-05	1.477179E-04
18688	-2.958427E-03	-1.000335E-02	1.745287E-03	1.016483E-04	7.627592E-05
18689	-1.626823E-03	-1.020813E-02	1.162758E-03	-1.102149E-04	1.468444E-04
18690	-1.4664103E-03	-1.032895E-02	9.666646E-04	-6.503132E-06	1.519163E-04
18691	1.929149E-03	-1.024836E-02	3.555617E-04	0.0	2.294323E-04
18692	2.304720E-03	-1.018928E-02	-3.873688E-04	0.0	1.863945E-04
18693	3.448544E-03	-1.006391E-02	-1.283421E-03	2.09158E-05	1.585805E-04
18694	1.472540E-03	-2.259154E-02	5.934097E-03	1.274940E-04	1.524657E-04
18695	-1.052277E-03	-2.260188E-02	-5.52084E-03	2.750276E-04	-1.005169E-03
18696	-4.822634E-03	3.021490E-04	7.808913E-03	-2.566712E-05	-1.006793E-03
18697	-1.982239E-03	2.730603E-04	4.679963E-03	0.0	0.0
18698	1.638625E-03	2.655028E-04	2.049990E-04	0.0	0.0
18699	5.187713E-03	2.947217E-04	-3.282889E-03	0.0	0.0
18700	8.448272E-03	3.56985E-04	-7.649891E-03	0.0	0.0
18701	-3.010061E-03	-1.799090E-02	8.071750E-03	3.008945E-04	4.618459E-05
18702	-2.438447E-03	-1.776991E-02	5.721487E-03	1.430706E-04	1.508682E-04
18703	2.054730E-03	-1.746037E-02	2.377046E-04	-3.714433E-05	4.560049E-04
18704	2.081925E-03	-1.778243E-02	-5.231176E-03	-2.173583E-04	-9.478588E-05
18705	-4.203189E-03	-1.600565E-02	-5.269101E-03	-2.273697E-04	-2.270590E-04
18706	-4.494611E-03	-2.076568E-02	7.831738E-03	0.0	0.0
18707	-2.850196E-03	-2.076713E-02	5.729750E-03	3.635632E-04	0.0
18708	-1.457136E-03	-2.076248E-02	2.850927E-03	0.0	0.0
18709	1.982966E-03	-2.076020E-02	-2.381842E-03	0.0	0.0
18710	3.273819E-03	-2.078952E-02	-5.255576E-03	-3.638948E-04	0.0
18711	4.985936E-03	-2.078998E-02	-7.370345E-03	0.0	0.0
18712	1.456704E-03	-2.486690E-02	5.606398E-03	3.224947E-04	-1.036612E-03
18713	-1.036391E-03	-2.488058E-02	-5.127102E-03	3.261960E-04	-1.038057E-03
18714	0.0	-2.613175E-02	2.799691E-04	0.0	0.0
18715	-4.652780E-03	6.203417E-03	5.848907E-03	0.0	0.0
18716	-2.258228E-03	6.89310E-03	4.336212E-03	0.0	0.0
18717	6.362908E-03	6.874792E-03	-3.419264E-03	0.0	0.0
18718	8.746676E-03	6.170787E-03	-3.076583E-03	0.0	0.0
18719	-4.951775E-03	3.53742E-03	7.461462E-03	0.0	0.0
18720	-2.242436E-03	3.393435E-03	4.427325E-03	0.0	0.0
18721	1.651085E-03	3.224623E-03	4.501953E-04	0.0	0.0
18722	5.499065E-03	3.37458E-03	-3.623615E-03	0.0	0.0
18723	8.486133E-03	3.513030E-03	-6.581794E-03	0.0	0.0
18724	-4.627559E-03	8.123059E-03	5.638797E-03	0.0	0.0
18725	8.481413E-03	6.105199E-03	-4.341219E-03	0.0	0.0

22701	-4.549121E-03	1.074294E-02	5.370367E-03	0.0	0.0	0.0	0.0	0.0	0.0
22702	-2.17895E-03	1.156458E-02	5.188944E-03	0.0	0.0	0.0	0.0	0.0	0.0
22703	6.315525E-03	1.149300E-02	-1.558630E-03	0.0	0.0	0.0	0.0	0.0	0.0
22704	-8.618779E-03	1.073451E-02	-3.553176E-03	0.0	0.0	0.0	0.0	0.0	0.0
22705	-4.748507E-03	7.912415E-03	6.231751E-03	0.0	0.0	0.0	0.0	0.0	0.0
22706	-2.412303E-03	7.915914E-03	3.794121E-03	0.0	0.0	0.0	0.0	0.0	0.0
22707	1.565549E-03	7.914251E-03	8.003153E-04	0.0	0.0	0.0	0.0	0.0	0.0
22708	5.675368E-03	7.999273E-03	-2.049882E-03	0.0	0.0	0.0	0.0	0.0	0.0
22709	4.162844E-03	6.018948E-03	-4.336303E-03	0.0	0.0	0.0	0.0	0.0	0.0
22710	7.704795E-04	1.604458E-03	1.950644E-03	0.0	0.0	0.0	0.0	0.0	0.0
22711	-1.648326E-03	1.754977E-02	7.246766E-03	0.0	0.0	0.0	0.0	0.0	0.0
22712	-7.201731E-04	1.854273E-02	5.416503E-03	0.0	0.0	0.0	0.0	0.0	0.0
22713	3.777229E-03	1.837035E-02	-1.779815E-04	0.0	0.0	0.0	0.0	0.0	0.0
22714	5.480349E-03	1.749740E-02	-2.388217E-03	0.0	0.0	0.0	0.0	0.0	0.0
22715	-3.446490E-03	1.424875E-02	9.152176E-03	0.0	0.0	0.0	0.0	0.0	0.0
22716	1.329757E-03	1.430004E-02	1.613659E-03	0.0	0.0	0.0	0.0	0.0	0.0
22717	6.364517E-03	1.424075E-02	-3.915135E-03	0.0	0.0	0.0	0.0	0.0	0.0
22718	-3.458824E-03	5.686954E-03	9.501188E-03	0.0	0.0	0.0	0.0	0.0	0.0
22719	0.0	5.321831E-03	-4.647363E-04	0.0	0.0	0.0	0.0	0.0	0.0
22720	5.173077E-03	4.937244E-03	-4.105492E-03	0.0	0.0	0.0	0.0	0.0	0.0
22721	-4.496500E-03	-8.323097E-04	9.484944E-03	0.0	0.0	0.0	0.0	0.0	0.0
22722	5.421123E-03	-7.249734E-04	-1.198944E-03	0.0	0.0	0.0	0.0	0.0	0.0
22723	5.215742E-03	-7.648030E-04	-3.638772E-03	0.0	0.0	0.0	0.0	0.0	0.0
22724	-3.637996E-04	7.298142E-02	6.743386E-03	0.0	0.0	0.0	0.0	0.0	0.0
22725	3.079229E-03	2.300609E-02	1.284549E-03	0.0	0.0	0.0	0.0	0.0	0.0
22726	-2.632494E-03	1.941839E-02	9.626220E-03	0.0	0.0	0.0	0.0	0.0	0.0
22727	1.005082E-03	1.946934E-02	3.538401E-03	0.0	0.0	0.0	0.0	0.0	0.0
22728	4.918229E-03	1.945392E-02	-2.614633E-03	0.0	0.0	0.0	0.0	0.0	0.0
22729	-2.682078E-03	1.179094E-02	9.767573E-03	0.0	0.0	0.0	0.0	0.0	0.0
22730	0.0	1.431162E-02	3.693469E-03	0.0	0.0	0.0	0.0	0.0	0.0
22731	4.445083E-03	1.447579E-02	-2.674624E-03	0.0	0.0	0.0	0.0	0.0	0.0
22732	-3.204702E-03	7.621525E-03	9.485302E-03	0.0	0.0	0.0	0.0	0.0	0.0
22733	2.817260E-04	5.333693E-03	3.863393E-03	0.0	0.0	0.0	0.0	0.0	0.0
22734	4.135151E-03	5.816972E-03	-2.631615E-03	0.0	0.0	0.0	0.0	0.0	0.0
22735	4.737084E-04	2.797509E-02	2.999724E-03	0.0	0.0	0.0	0.0	0.0	0.0
22736	-1.311423E-03	2.604978E-02	4.182537E-03	0.0	0.0	0.0	0.0	0.0	0.0
22737	2.663644E-04	2.604234E-02	3.011437E-03	0.0	0.0	0.0	0.0	0.0	0.0
22738	1.009364E-03	2.604978E-02	-2.208729E-03	0.0	0.0	0.0	0.0	0.0	0.0
22739	-2.194516E-03	2.010676E-02	9.148112E-03	0.0	0.0	0.0	0.0	0.0	0.0
22740	0.0	2.310246E-02	2.982107E-03	0.0	0.0	0.0	0.0	0.0	0.0
22741	3.316557E-03	2.010303E-02	-3.135287E-03	0.0	0.0	0.0	0.0	0.0	0.0
22742	4.759347E-04	1.418666E-02	6.398565E-03	0.0	0.0	0.0	0.0	0.0	0.0
22743	3.042368E-04	1.412138E-02	3.022254E-03	0.0	0.0	0.0	0.0	0.0	0.0
22744	2.025761E-03	1.413666E-02	-7.315553E-03	0.0	0.0	0.0	0.0	0.0	0.0
22745	3.352007E-04	2.003240E-02	3.013749E-03	0.0	0.0	0.0	0.0	0.0	0.0
22746	3.027386E-04	2.317663E-02	2.122257E-03	0.0	0.0	0.0	0.0	0.0	0.0
22747	3.124283E-04	1.745571E-02	4.771824E-04	0.0	0.0	0.0	0.0	0.0	0.0
22748	3.415695E-04	1.131394E-02	-1.693265E-03	0.0	0.0	0.0	0.0	0.0	0.0
22749	3.842456E-04	1.734272E-02	-4.182622E-03	0.0	0.0	0.0	0.0	0.0	0.0
22750	3.026560E-02	-1.075391E-02	1.816367E-03	0.0	0.0	0.0	0.0	0.0	0.0
22751	1.815696E-02	-1.075391E-02	-4.214565E-03	0.0	0.0	0.0	0.0	0.0	0.0
22752	7.537976E-04	-1.075391E-02	-4.828475E-03	0.0	0.0	0.0	0.0	0.0	0.0
22753	4.321134E-04	-1.075391E-02	-6.675484E-03	0.0	0.0	0.0	0.0	0.0	0.0
22754	-6.677084E-03	-1.075391E-02	-8.734634E-03	0.0	0.0	0.0	0.0	0.0	0.0
22755	-1.710275E-02	-1.075391E-02	-1.312773E-02	0.0	0.0	0.0	0.0	0.0	0.0
22756	-2.892033E-02	-1.075391E-02	-1.872548E-02	0.0	0.0	0.0	0.0	0.0	0.0
22757	4.203364E-04	-2.514665E-02	3.568081E-03	0.0	0.0	0.0	0.0	0.0	0.0
22758	3.233892E-04	-6.026991E-02	-9.033749E-03	0.0	0.0	0.0	0.0	0.0	0.0
22759	2.363012E-02	-6.666384E-02	-9.557491E-03	0.0	0.0	0.0	0.0	0.0	0.0
22760	7.938322E-02	-5.461636E-02	-7.129494E-03	0.0	0.0	0.0	0.0	0.0	0.0
22761	-2.768721E-03	-5.169166E-02	-4.343046E-03	0.0	0.0	0.0	0.0	0.0	0.0
22762	-4.578527E-03	-4.242767E-02	-2.562058E-03	0.0	0.0	0.0	0.0	0.0	0.0
22763	-6.702639E-03	-1.242347E-02	-4.620795E-04	0.0	0.0	0.0	0.0	0.0	0.0
22764	-9.061184E-03	-1.615014E-02	-1.877766E-03	0.0	0.0	0.0	0.0	0.0	0.0
22765	-1.162202E-02	1.492214E-03	4.413746E-03	0.0	0.0	0.0	0.0	0.0	0.0
22766	-1.437594E-02	2.362776E-02	5.987643E-03	0.0	0.0	0.0	0.0	0.0	0.0

61912	1.40949E-03	3.45999E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-2.434762E-04
61913	-1.84411E-03	-1.35687E-03	1.71873E-03	-2.92020E-04	3.132597E-04	1.083875E-04
61914	-2.217832E-03	-6.40525E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-1.119590E-05
61916	-2.92221E-03	-5.60825E-03	1.71873E-03	-2.92020E-04	3.132597E-04	8.928115E-05
61917	-3.141835E-03	-7.79464E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-8.923362E-04
61918	-3.402708E-03	-8.13579E-03	1.71873E-03	-2.92020E-04	3.132597E-04	2.227823E-04
61922	-2.866678E-03	-6.94406E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-2.907640E-04
61923	-2.789407E-03	-6.16689E-03	1.71873E-03	-2.92020E-04	3.132597E-04	1.118962E-04
61924	-2.697771E-03	-9.33358E-03	1.71873E-03	-2.92020E-04	3.132597E-04	4.526948E-05
61926	-2.801393E-03	-1.10894E-02	1.71873E-03	-2.92020E-04	3.132597E-04	-3.597520E-04
61927	-2.749438E-03	-1.136348E-02	1.71873E-03	-2.92020E-04	3.132597E-04	-8.847481E-04
61928	-2.671507E-03	-1.174526E-02	1.71873E-03	-2.92020E-04	3.132597E-04	1.483747E-04
61934	-2.954602E-03	-1.786250E-02	1.71873E-03	-2.92020E-04	3.132597E-04	-9.649908E-04
61935	-3.051282E-03	-1.861267E-02	1.71873E-03	-2.92020E-04	3.132597E-04	-7.344696E-04
61936	-3.161212E-03	-1.905031E-02	1.71873E-03	-2.92020E-04	3.132597E-04	1.742749E-05
62211	-2.360790E-03	-1.143658E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-1.244566E-03
62213	-1.996290E-03	-3.33673E-03	1.71873E-03	-2.92020E-04	3.132597E-04	6.055687E-05
62217	-6.499311E-04	-6.594390E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-7.654170E-04
62219	-2.786473E-04	-8.129727E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
62221	-2.204064E-03	-7.510163E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
62224	-1.562094E-03	-9.162273E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-3.275294E-04
62226	-2.526538E-04	-1.179443E-02	1.71873E-03	-2.92020E-04	3.132597E-04	-3.506640E-04
62229	-3.077819E-04	-1.291211E-02	1.71873E-03	-2.92020E-04	3.132597E-04	-8.187681E-04
62231	-2.679785E-04	-1.848330E-02	1.71873E-03	-2.92020E-04	3.132597E-04	-8.154977E-04
62233	-4.366045E-04	-1.92875E-02	1.71873E-03	-2.92020E-04	3.132597E-04	-6.556455E-04
62811	-6.888462E-04	-1.514443E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-1.10664E-03
62819	-2.487180E-03	-8.205412E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
62821	-7.256861E-05	-7.613301E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
62829	-3.317150E-03	-1.337479E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
62831	-2.673012E-03	-1.857058E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
62839	-3.54532E-03	-1.957925E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
63411	-1.489161E-03	-1.259827E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
63419	-5.242970E-03	-8.595128E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
63421	-2.263050E-03	-7.703179E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
63429	-3.42933E-03	-1.882696E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
63431	-5.70833E-03	-1.867830E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
63439	-6.599903E-03	-1.981240E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
64211	-4.297163E-03	-9.512891E-04	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
64219	-9.173490E-03	-8.977659E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
64221	-5.525470E-03	-7.806506E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
64229	-1.079393E-02	-1.439293E-02	1.71873E-03	-2.92020E-04	3.132597E-04	-5.642246E-04
64231	-9.614874E-03	-1.867233E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
64239	-1.110958E-02	-1.999324E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65011	-6.742314E-03	-7.623316E-04	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65019	-1.282892E-02	-9.040873E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65021	-8.689717E-03	-7.952794E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65029	-1.511624E-02	-1.481441E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65031	-1.357581E-02	-1.842283E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65039	-1.553764E-02	-1.994215E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65911	-3.996267E-03	-1.024258E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65919	-1.624529E-02	-8.48054E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65921	-1.196252E-02	-6.533046E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65929	-1.943395E-02	-1.508861E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65931	-1.737570E-02	-1.793621E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
65939	-1.976477E-02	-1.953334E-02	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
71912	-2.221563E-03	-3.490130E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-1.504824E-03
71913	-2.492988E-03	-3.854600E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
71914	-2.744589E-03	-4.192449E-03	1.71873E-03	-2.92020E-04	3.132597E-04	0.0
71916	-3.119651E-03	-5.453948E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-1.227894E-04
71917	-3.284205E-03	-5.743403E-03	1.71873E-03	-2.92020E-04	3.132597E-04	5.700326E-05
71918	-3.245494E-03	-6.087217E-03	1.71873E-03	-2.92020E-04	3.132597E-04	1.023232E-04
71922	-3.399607E-03	-9.015664E-03	1.71873E-03	-2.92020E-04	3.132597E-04	2.23710E-04
71923	-3.282511E-03	-9.206887E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-8.101491E-04
71924	-3.174728E-03	-9.382896E-03	1.71873E-03	-2.92020E-04	3.132597E-04	-7.547830E-05
71926	-3.101526E-03	-1.103327E-02	1.71873E-03	-2.92020E-04	3.132597E-04	-3.38917E-04
71927	-3.029981E-03	-1.127430E-02	1.71873E-03	-2.92020E-04	3.132597E-04	1.330644E-04
						5.280258E-05
						-3.797282E-04
						-8.82035E-04
						1.378845E-04

[illegible]

220106	-2.817190E-04	3.137023E-02	4.361134E-04	-7.419763E-04	-5.177749E-06	-1.544454E-04
220114	-1.276719E-04	3.571751E-02	4.432443E-04	-1.042116E-04	-2.518176E-06	-1.544454E-04
220121	-3.258900E-04	3.494407E-02	4.538950E-04	3.740411E-04	3.112267E-06	-1.544454E-04
220124	-2.768503E-04	2.958020E-02	4.479701E-04	4.331351E-04	6.555073E-06	-1.544454E-04
220137	-1.931637E-04	2.049497E-02	4.479899E-04	1.331467E-03	1.256915E-05	-1.544454E-04
220145	-8.181760E-05	4.763747E-03	4.479899E-04	1.272727E-03	1.499259E-05	-1.544454E-04
220153	3.853733E-05	-3.446203E-03	4.479899E-04	1.652658E-03	1.576816E-05	-1.544454E-04
220155	7.338484E-05	-7.446141E-03	4.479899E-04	1.652658E-03	1.576816E-05	-1.544454E-04
221001	4.865397E-01	-7.131115E-01	3.574091E-01	-3.592940E-03	9.145316E-03	1.454250E-02
221002	-1.000000E-00	-7.243606E-01	3.598416E-01	-3.592940E-03	9.145316E-03	1.454250E-02
221073	-4.146111E-03	-1.584241E-02	-1.567312E-02	-1.641775E-03	-1.430741E-05	-3.568854E-04
221077	-1.955946E-04	-1.584241E-02	2.995305E-02	-1.641775E-03	-1.430741E-05	-3.568854E-04
221401	4.665397E-01	-1.681140E-02	6.800416E-04	-1.641775E-03	-1.430741E-05	-3.568854E-04
221402	-1.000000E-00	-1.681140E-02	6.800416E-04	-1.641775E-03	-1.430741E-05	-3.568854E-04
221501	-1.433741E-01	-1.433741E-01	3.690097E-02	-3.820460E-03	8.145016E-03	1.454250E-02
221502	3.444908E-01	-1.181075E-02	-1.446596E-02	-9.133743E-04	-2.455975E-02	2.276479E-02
221520	-1.460409E-01	-1.182053E-02	3.237952E-02	-9.133743E-04	-2.455975E-02	2.276479E-02
221521	1.694692E-03	-4.882794E-03	7.977900E-03	1.164178E-03	-1.260316E-02	6.646555E-03
222001	2.211415E-03	-4.893940E-03	5.014569E-03	1.164178E-03	-1.260316E-02	6.646555E-03
222002	9.838436E-01	2.841303E-01	-3.513675E-01	1.164178E-03	-1.260316E-02	6.646555E-03
222201	-4.952601E-01	2.913070E-01	3.562444E-01	1.683694E-02	1.177541E-02	0.805640E-03
222202	3.397117E-01	3.362116E-02	-1.225327E-01	1.697499E-02	-1.270455E-02	1.433726E-02
222301	-3.417350E-01	3.383044E-02	1.251143E-01	1.119747E-02	-2.476052E-02	1.417070E-02
222302	8.461413E-03	8.108199E-03	-4.341219E-03	1.128982E-02	2.529154E-02	2.035333E-02
223001	-4.627559E-03	4.123059E-03	5.638797E-03	2.462365E-03	-1.266458E-02	2.586896E-02
223002	-9.818436E-01	4.973378E-01	-1.755232E-01	2.497286E-03	-1.324365E-02	6.349936E-03
223401	-9.952801E-01	4.974006E-01	1.781247E-01	1.697499E-02	-1.204551E-02	5.482270E-03
223402	-1.672350E-02	2.182282E-02	3.125023E-01	1.697499E-02	-1.204551E-02	5.482270E-03
520014	-1.754840E-02	2.182282E-02	3.125023E-01	-1.588124E-03	1.224465E-02	1.417070E-02
520024	-2.194751E-02	2.182282E-02	2.140437E-03	-1.588124E-03	1.224465E-02	1.417070E-02
520034	-2.311653E-02	2.182282E-02	3.137137E-03	-1.588124E-03	1.224465E-02	1.417070E-02
520065	-2.372169E-02	2.182282E-02	4.357536E-03	-1.588124E-03	1.224465E-02	1.417070E-02
520074	-2.567414E-02	2.182282E-02	5.092396E-03	-1.749720E-03	3.127437E-04	1.668799E-03
520079	-3.871225E-02	2.182282E-02	7.062271E-03	-1.872547E-03	3.127437E-04	1.668799E-03
520119	-3.980969E-02	2.182282E-02	1.894888E-02	-2.294494E-03	3.127437E-04	2.664396E-03
520152	-4.335104E-02	2.182282E-02	-1.989400E-02	-2.312322E-03	3.127437E-04	2.664396E-03
520185	-5.231655E-02	2.182282E-02	-2.293724E-02	-2.328159E-03	3.127437E-04	2.716959E-03
			-3.061549E-02	-2.328159E-03	3.127437E-04	2.716959E-03

NATURAL FREQUENCIES AND MODAL SHAPES  
CIGENVALUE # %DAMPING ON

POINT ID.	TYPE	11	12	13	R1	R2	R3
3331	G	-8.13689E-02	4.57677E-01	6.27351E-01	0.0	0.0	0.0
3339	G	-1.34639E-01	4.54220E-01	6.27117E-01	0.0	0.0	0.0
3341	G	-4.30645E-02	5.41503E-01	6.31745E-01	0.0	0.0	0.0
3349	G	-1.74539E-02	5.60246E-01	6.43684E-01	0.0	0.0	0.0
4531	G	-4.67679E-02	3.86174E-01	5.46151E-01	0.0	0.0	0.0
4633	G	-9.41180E-02	3.92689E-01	5.39529E-01	0.0	0.0	0.0
4637	G	-1.95260E-01	3.95751E-01	4.85717E-01	0.0	0.0	0.0
4639	G	-1.69844E-01	3.86737E-01	4.78414E-01	0.0	0.0	0.0
4641	G	-2.88859E-02	3.65940E-01	5.49179E-01	0.0	0.0	0.0
4649	G	-9.01955E-02	3.42374E-01	4.76945E-01	0.0	0.0	0.0
4661	G	9.05012E-02	3.44404E-01	5.41861E-01	0.0	0.0	0.0
4669	G	-1.66995E-01	3.30944E-01	4.85194E-01	0.0	0.0	0.0
6123	G	-2.72074E-01	3.11340E-01	2.59874E-01	0.0	0.0	0.0
6127	G	-6.67199E-02	3.03191E-01	3.02763E-01	0.0	0.0	0.0
6131	G	-8.77950E-02	3.03246E-01	3.75514E-01	0.0	0.0	0.0
6133	G	-1.92107E-01	3.04905E-01	2.58343E-01	0.0	0.0	0.0
6137	G	-2.16043E-01	3.05511E-01	2.46638E-01	0.0	0.0	0.0
6139	G	-1.38650E-02	2.66238E-01	3.93137E-01	0.0	0.0	0.0
6143	G	-1.56524E-02	2.66232E-01	3.78485E-01	0.0	0.0	0.0
6147	G	-1.01399E-01	2.85418E-01	2.56682E-01	0.0	0.0	0.0
6149	G	-1.34174E-01	2.85342E-01	2.46909E-01	0.0	0.0	0.0
6161	G	6.82787E-02	2.47575E-01	3.90474E-01	0.0	0.0	0.0
6163	G	3.40630E-02	2.47598E-01	3.80235E-01	0.0	0.0	0.0
6167	G	-3.70810E-02	2.76587E-01	2.55925E-01	0.0	0.0	0.0
6169	G	-7.14761E-02	2.74256E-01	2.45731E-01	0.0	0.0	0.0
6171	G	1.33471E-01	3.06507E-01	4.67454E-01	0.0	0.0	0.0
7179	G	1.03607E-01	3.05366E-01	3.63957E-01	0.0	0.0	0.0
7031	G	-6.02443E-02	2.51812E-01	0.0	0.0	0.0	0.0
7033	G	-9.78728E-02	2.51291E-01	2.93663E-01	0.0	0.0	0.0
7037	G	-1.89250E-01	2.51291E-01	1.45769E-01	0.0	0.0	0.0
7039	G	-2.17237E-01	2.51708E-01	0.0	0.0	0.0	0.0
7043	G	-1.25934E-02	0.0	2.87711E-01	0.0	0.0	0.0
7047	G	-9.86345E-02	0.0	1.40384E-01	0.0	0.0	0.0
7061	G	7.44539E-02	1.63806E-01	1.40384E-01	0.0	0.0	0.0
7063	G	4.46074E-02	1.63806E-01	1.83396E-01	0.0	0.0	0.0
7067	G	-2.95943E-02	2.10123E-01	2.83725E-01	0.0	0.0	0.0
7069	G	-7.73767E-02	2.06334E-01	1.43181E-01	0.0	0.0	0.0
7071	G	1.42172E-01	0.0	6.26611E-02	0.0	0.0	0.0
7079	G	-5.20554E-02	0.0	1.50713E-01	0.0	0.0	0.0
7505	G	-3.26918E-01	3.93376E-01	8.55137E-02	0.0	0.0	0.0
8300	G	1.94436E-01	2.60613E-02	5.99359E-02	1.322381E-02	0.0	-5.06872E-03
8531	G	-4.27174E-02	1.76936E-01	0.0	0.0	0.0	0.0
8533	G	-8.78728E-02	1.77545E-01	1.02314E-01	0.0	0.0	0.0
8537	G	-1.89250E-01	1.77945E-01	4.55786E-02	0.0	0.0	0.0
8539	G	-2.17602E-01	1.76628E-01	0.0	0.0	0.0	0.0
8543	G	-1.04871E-02	0.0	1.03850E-01	0.0	0.0	0.0
8547	G	-9.76231E-02	0.0	4.28679E-02	0.0	0.0	0.0
8561	G	7.37677E-02	7.08767E-02	5.65533E-02	0.0	0.0	0.0
8563	G	4.84833E-02	7.12087E-02	1.04323E-01	0.0	0.0	0.0
8567	G	-2.98290E-02	8.38745E-02	4.19214E-02	0.0	0.0	0.0
8569	G	-8.46337E-02	8.38791E-02	-1.05783E-01	0.0	0.0	0.0
8571	G	1.06671E-01	0.0	3.35613E-02	0.0	0.0	0.0
8579	G	-7.27342E-02	7.0	4.93558E-02	0.0	0.0	0.0
9303	G	4.08651E-02	2.12267E-01	-2.27550E-02	0.0	0.0	0.0
9307	G	-4.61979E-02	2.11445E-01	-1.41944E-01	0.0	0.0	0.0

9313	4.849739E-02	1.893394E-01	-2.224516E-02	0.0	0.0
9317	-1.136120E-01	1.877394E-01	-1.425877E-01	0.0	0.0
9331	-4.925408E-02	1.225671E-01	3.155908E-02	0.0	0.0
9333	-8.149880E-02	1.237527E-01	-1.040510E-02	0.0	0.0
9337	-1.171706E-01	1.294287E-01	-1.286594E-01	0.0	0.0
9339	-2.142801E-01	1.313277E-01	-1.599740E-01	0.0	0.0
9341	0.0	4.831949E-02	2.456664E-02	0.0	0.0
9345	-1.385047E-02	4.880191E-02	-2.612135E-02	0.0	0.0
9347	-9.318231E-02	4.212697E-02	-1.470637E-01	0.0	0.0
9349	0.0	4.112890E-02	-2.271588E-01	0.0	0.0
9361	3.801734E-02	3.172701E-03	5.863741E-03	0.0	0.0
9363	3.191273E-02	2.712666E-03	-3.812418E-02	0.0	0.0
9367	4.120915E-02	4.023425E-03	-1.612694E-01	0.0	0.0
9369	-8.563300E-02	4.426315E-03	-1.952916E-01	0.0	0.0
9371	8.147349E-02	3.542660E-02	-2.402885E-03	0.0	0.0
9373	0.0	3.671997E-02	-2.917482E-02	0.0	0.0
9377	0.0	4.058610E-02	-1.663692E-01	0.0	0.0
9379	-3.449701E-02	4.060466E-02	-2.033846E-01	0.0	0.0
11300	4.395361E-02	-3.798011E-02	-1.278395E-01	0.0	0.0
11503	5.351384E-02	2.609406E-02	0.0	0.0	0.0
11507	-5.315171E-02	2.609406E-02	0.0	0.0	0.0
11531	-1.424611E-02	-2.289263E-03	0.0	0.0	0.0
11533	-5.160435E-02	1.81241E-03	-1.415077E-01	0.0	0.0
11537	-1.254435E-01	2.971090E-03	-2.416074E-01	0.0	0.0
11539	-1.687562E-01	3.850765E-03	0.0	0.0	0.0
11543	-1.868403E-02	4.771876E-02	-1.415713E-01	0.0	0.0
11547	-9.098613E-02	4.771876E-02	-1.415713E-01	0.0	0.0
11561	2.410088E-02	-8.121371E-02	-1.012077E-01	0.0	0.0
11563	4.767802E-03	-8.145297E-02	-1.412724E-01	0.0	0.0
11567	5.748527E-02	-1.288049E-01	-2.412723E-01	0.0	0.0
11569	-7.873893E-02	-1.282874E-01	-2.523130E-01	0.0	0.0
11571	3.470735E-02	0.0	-1.013853E-01	0.0	0.0
11573	-1.033397E-01	0.0	-2.369251E-01	0.0	0.0
11579	-1.189287E-02	-1.059551E-01	-4.399488E-01	0.0	0.0
11700	-1.098862E-02	-2.115787E-01	-2.302504E-01	0.0	0.0
13601	4.317819E-02	7.216042E-02	-1.814473E-01	0.0	0.0
13803	5.274326E-02	6.809437E-02	-1.939343E-01	0.0	0.0
13807	1.466153E-02	6.900179E-02	-2.568271E-01	0.0	0.0
13809	9.977791E-03	7.179945E-02	-2.654432E-01	0.0	0.0
13821	4.300121E-03	9.247339E-02	-1.764535E-01	0.0	0.0
13823	6.269045E-03	9.209150E-02	-1.919124E-01	0.0	0.0
13827	-1.763213E-02	8.988142E-02	-2.518617E-01	0.0	0.0
13829	-1.936758E-02	8.895443E-02	-2.494202E-01	0.0	0.0
13831	5.073812E-03	-1.068142E-01	-1.719537E-01	0.0	0.0
13833	-2.850938E-02	-1.086020E-01	-1.856772E-01	0.0	0.0
13537	-7.703488E-02	-1.079936E-01	-2.459364E-01	0.0	0.0
13839	-1.286546E-01	-1.080896E-01	-2.740362E-01	0.0	0.0
13841	0.0	-1.329202E-01	-1.634958E-01	0.0	0.0
13843	-2.830450E-02	-1.328543E-01	-1.819470E-01	0.0	0.0
13847	-7.332044E-02	-1.335760E-01	-2.420454E-01	0.0	0.0
13848	-7.426455E-02	-1.355768E-01	-2.387505E-01	0.0	0.0
13849	0.0	-1.355383E-01	-2.154345E-01	0.0	0.0
13861	-1.567711E-02	-1.505638E-01	-1.600711E-01	0.0	0.0
13863	-2.331744E-02	-1.504142E-01	-1.805089E-01	0.0	0.0
13867	-4.396324E-02	-1.672977E-01	-2.338883E-01	0.0	0.0
13869	-5.854074E-02	-1.672805E-01	-2.542092E-01	0.0	0.0
13871	-2.316475E-02	0.0	-1.541572E-01	0.0	0.0
13873	-1.833134E-01	0.0	-2.222862E-01	0.0	0.0
13879	4.437839E-02	-9.041053E-02	-1.401776E-01	0.0	0.0
14803	4.306749E-02	-8.833861E-02	-1.570600E-01	0.0	0.0
14807	2.991634E-02	-9.060794E-02	-2.102275E-01	0.0	0.0
14809	9.977791E-03	-9.293479E-02	-2.257340E-01	0.0	0.0
14821	1.028498E-03	-1.125807E-01	-1.354752E-01	0.0	0.0
14823	4.309315E-03	-1.120461E-01	-1.570600E-01	0.0	0.0
14827	-1.459804E-02	-1.141778E-01	-2.102275E-01	0.0	0.0
14829	-1.493213E-02	-1.142244E-01	-2.298954E-01	0.0	0.0





18661	7.002147E-02	-1.274941E-02	7.173467E-02	4.092513E-04	-2.348527E-05	1.817349E-03
18662	-5.336710E-02	-1.270959E-02	7.941252E-02	6.456515E-04	-1.714521E-03	1.793565E-03
18663	-4.733678E-02	-3.262599E-02	6.832506E-02	1.614208E-03	-3.349544E-03	1.793451E-03
18664	-3.272060E-02	-3.211161E-02	6.789100E-02	0.0	0.0	2.53177E-03
18665	-1.742786E-02	-2.712658E-02	6.718349E-02	0.0	0.0	2.635517E-03
18666	-3.440344E-01	-2.35673E-02	6.534567E-02	0.0	0.0	2.067147E-03
18667	6.340334E-01	-1.499434E-02	6.558357E-02	4.567738E-03	-6.363027E-03	4.387636E-04
18668	9.609252E-03	-1.772018E-02	6.297451E-02	1.224158E-03	-4.628498E-03	5.639808E-04
18669	4.446430E-03	-1.674313E-03	6.195795E-02	-1.812444E-03	-3.244734E-03	-7.429687E-04
18681	-1.113766E-01	-5.164030E-02	7.305440E-02	0.0	0.0	0.0
18683	-8.757049E-02	-5.194838E-02	5.798279E-02	1.614208E-03	-3.302654E-03	7.446895E-04
18685	-8.269429E-02	-5.286592E-02	5.768453E-02	0.0	0.0	0.0
18687	-6.913447E-02	-4.972822E-02	5.790233E-02	2.567738E-03	6.281599E-03	7.446895E-04
18689	-8.531284E-02	-5.365232E-02	5.769632E-02	0.0	0.0	0.0
18697	-6.731098E-02	-4.818717E-02	6.433020E-02	0.0	-9.099431E-04	1.033197E-03
19741	-4.458745E-02	-6.681281E-02	1.202647E-01	-3.737314E-03	-2.315656E-03	1.232581E-03
19742	4.918892E-03	-6.728625E-02	1.274421E-01	-3.489284E-03	-3.00182E-04	7.03992E-03
19743	1.883192E-02	-5.998175E-02	1.461154E-01	0.0	-2.599869E-03	6.70533E-03
19745	5.633833E-02	-5.907256E-02	1.528863E-01	0.0	-3.250963E-03	6.10562E-03
19747	6.551868E-02	-5.22343E-02	1.404065E-01	0.0	0.0	3.15652E-03
19748	6.176911E-02	-5.096512E-02	1.328561E-01	2.944510E-03	-3.943399E-03	-1.047376E-03
19749	3.912746E-02	-5.158245E-02	1.094125E-01	3.393569E-03	-3.292792E-03	-2.427169E-03
19751	-5.001009E-02	-5.411104E-02	1.006234E-01	-4.099627E-03	4.039582E-04	-3.162830E-03
19752	-1.483801E-02	-5.496806E-02	1.272514E-01	-2.891423E-03	-5.238937E-05	4.603694E-03
19758	3.713087E-02	-5.775967E-02	1.327029E-01	1.943904E-03	-3.492135E-03	4.603694E-03
19759	4.458432E-02	-5.78757E-02	1.100143E-01	4.603803E-03	-1.433940E-04	-1.814083E-04
19761	-4.949739E-02	-4.702883E-02	1.006216E-01	-3.243142E-03	-2.918030E-05	-6.351012E-04
19762	-2.152006E-02	-4.885881E-02	1.271756E-01	-3.573623E-03	3.739685E-03	3.739685E-03
19763	-1.368404E-02	-4.988327E-02	1.350795E-01	0.0	-2.715362E-03	4.706722E-03
19765	1.053169E-02	-5.586999E-02	1.577241E-01	0.0	-3.185658E-03	3.508604E-03
19767	2.595161E-02	-6.165376E-02	1.394326E-01	0.0	0.0	2.584644E-03
19768	2.671603E-02	-6.258172E-02	1.326493E-01	3.277613E-03	-3.941957E-03	1.286409E-03
19789	2.671603E-02	-6.258172E-02	1.099584E-01	2.712226E-03	-3.591589E-03	6.912683E-04
21187	-7.853651E-02	-7.475942E-02	5.353424E-02	0.0	1.785493E-04	8.184409E-04
21189	-6.119641E-02	-7.13409E-02	5.235275E-02	0.0	-3.122515E-03	-1.993411E-03
21321	-7.265961E-02	-1.512981E-02	5.751977E-02	0.0	0.0	0.0
21323	-4.375666E-02	-1.591788E-02	6.307513E-02	0.0	0.0	0.0
21325	-1.231954E-02	-1.590837E-02	6.775391E-02	0.0	0.0	0.0
21327	1.894407E-02	-1.466086E-02	7.222044E-02	0.0	0.0	0.0
21329	4.716210E-02	-1.262463E-02	7.511979E-02	0.0	0.0	0.0
21341	-5.180685E-02	-9.102613E-02	6.302232E-02	1.131347E-04	1.412061E-03	9.533793E-03
21343	2.053770E-03	-9.103227E-02	6.348807E-02	0.0	1.244595E-03	9.669864E-03
21345	9.942061E-02	-9.52370E-02	6.337970E-02	0.0	-1.770227E-03	5.284749E-03
21347	9.833384E-02	-1.057675E-01	6.771394E-02	0.0	-4.785050E-03	-6.738961E-03
21349	5.531970E-02	-1.101120E-01	7.351238E-02	-9.770074E-04	-4.952513E-03	-8.717306E-03
21361	-3.964557E-02	-8.203590E-02	6.244455E-02	0.0	0.0	0.0
21363	-1.145929E-02	-8.134580E-02	6.292844E-02	-2.831602E-04	-5.444430E-03	0.0
21364	1.631076E-02	-8.137512E-02	6.246534E-02	0.0	0.0	0.0
21366	6.300050E-02	-7.925785E-02	6.531245E-02	0.0	0.0	0.0
21367	6.334776E-02	-7.940662E-02	6.811398E-02	-2.132487E-05	-1.015531E-02	0.0
21369	7.386357E-02	-7.75300E-02	7.05087E-02	0.0	0.0	0.0
21383	-7.844943E-02	-7.926595E-02	6.270659E-02	6.894543E-05	-5.099230E-03	-2.046504E-03
21387	-6.099738E-02	-7.567203E-02	6.857163E-02	-8.486607E-04	-9.366009E-03	-2.087322E-03
21485	0.0	-7.993001E-02	6.202837E-02	-8.83093E-05	0.0	0.0
21490	-7.083106E-02	5.025581E-03	4.896288E-02	0.0	0.0	0.0
21803	-4.839803E-02	3.103352E-03	5.235424E-02	0.0	0.0	0.0
21807	5.409773E-03	4.132424E-03	6.514895E-02	0.0	0.0	0.0
21809	2.849511E-02	6.017152E-03	7.002795E-02	0.0	0.0	0.0
21821	-7.400936E-02	7.627774E-03	4.66900E-02	0.0	0.0	0.0
21823	-4.577316E-02	8.160390E-03	5.059406E-02	0.0	0.0	0.0
21825	-1.322392E-02	8.575719E-03	5.940599E-02	0.0	0.0	0.0
21827	1.938225E-02	9.572880E-03	6.789029E-02	0.0	0.0	0.0
21829	4.625899E-02	1.004544E-02	7.145184E-02	0.0	0.0	0.0
21872	-6.758076E-02	2.625110E-02	4.340440E-02	0.0	0.0	0.0
22318	2.611050E-02	2.542272E-02	6.503713E-02	0.0	0.0	0.0

22701	-7.247760E-02	4.616795E-02	1.645716E-02	0.0	0.0	0.0
22702	-5.166555E-02	4.906604E-02	5.255151E-02	0.0	0.0	0.0
22703	-1.346014E-02	4.921223E-02	5.255151E-02	0.0	0.0	0.0
22704	-2.407971E-02	4.423077E-02	5.255151E-02	0.0	0.0	0.0
22705	-7.4665374E-02	4.813999E-02	1.3183977E-02	0.0	0.0	0.0
22706	-4.606381E-02	4.770245E-02	1.707405E-02	0.0	0.0	0.0
22707	-1.505836E-02	4.877651E-02	3.718160E-02	0.0	0.0	0.0
22708	-1.949719E-02	4.949081E-02	4.676670E-02	0.0	0.0	0.0
22709	4.911735E-02	4.972502E-02	6.436474E-02	0.0	0.0	0.0
22710	3.520349E-02	4.978982E-02	7.236441E-02	0.0	0.0	0.0
22711	-3.7221495E-02	1.8775518E-01	7.2504271E-02	0.0	0.0	0.0
22712	-7.547412E-02	1.548575E-01	4.640624E-02	0.0	0.0	0.0
22713	-2.6269144E-02	1.778600E-01	1.381520E-02	0.0	0.0	0.0
22714	6.134151E-03	1.594606E-01	-2.418715E-02	0.0	0.0	0.0
22715	-4.273236E-02	1.539502E-01	-5.801971E-02	0.0	0.0	0.0
22716	-1.632610E-02	1.535535E-01	-1.194348E-02	0.0	0.0	0.0
22717	4.165082E-02	1.540228E-01	-2.792462E-02	0.0	0.0	0.0
22718	-4.2754468E-02	1.536661E-01	-5.872630E-02	0.0	0.0	0.0
22719	3.0	1.588822E-01	-1.703515E-02	0.0	0.0	0.0
22720	8.9474054E-02	1.852215E-01	-7.499112E-02	0.0	0.0	0.0
22721	-2.214937E-02	1.623770E-01	-5.793442E-02	0.0	0.0	0.0
22722	6.756771E-02	1.619968E-01	-2.804942E-03	0.0	0.0	0.0
22723	1.3285410E-01	1.603609E-01	-2.048147E-02	0.0	0.0	0.0
22724	-7.459033E-02	2.433733E-01	-1.319031E-01	0.0	0.0	0.0
22725	-1.604937E-02	2.377749E-01	-1.253519E-01	0.0	0.0	0.0
22726	-7.986461E-02	2.511947E-01	-1.253519E-01	0.0	0.0	0.0
22727	-1.499737E-02	2.507018E-01	-1.330420E-01	0.0	0.0	0.0
22728	4.005761E-02	2.485028E-01	-1.330420E-01	0.0	0.0	0.0
22729	-3.334619E-02	2.674252E-01	-1.395530E-01	0.0	0.0	0.0
22730	3.0	2.645102E-01	-1.440053E-01	0.0	0.0	0.0
22731	8.1770613E-02	2.797771E-01	-1.216294E-01	0.0	0.0	0.0
22732	-5.575576E-02	2.706857E-01	-1.365536E-01	0.0	0.0	0.0
22733	6.490494E-02	2.716040E-01	-1.602908E-01	0.0	0.0	0.0
22734	1.4324094E-02	1.719514E-01	-1.325454E-01	0.0	0.0	0.0
22735	-2.077181E-02	4.166451E-01	-2.121634E-01	0.0	0.0	0.0
22736	3.8001194E-02	4.227968E-01	-2.269737E-01	0.0	0.0	0.0
22737	-1.4127432E-02	4.214659E-01	-2.117731E-01	0.0	0.0	0.0
22738	3.403679E-02	4.227958E-01	-1.462554E-01	0.0	0.0	0.0
22739	-3.254141E-02	4.373394E-01	-2.233142E-01	0.0	0.0	0.0
22740	3.0	4.367937E-01	-2.174747E-01	0.0	0.0	0.0
22741	5.1373475E-02	4.367937E-01	-1.911777E-01	0.0	0.0	0.0
22742	-3.281292E-02	4.362370E-01	-2.267439E-01	0.0	0.0	0.0
22743	6.105769E-02	4.367039E-01	-2.275249E-01	0.0	0.0	0.0
22744	8.755797E-02	4.523370E-01	-1.925169E-01	0.0	0.0	0.0
22745	2.461643E-02	4.373378E-01	-2.300546E-01	0.0	0.0	0.0
22746	2.71944E-02	4.792756E-01	-2.336815E-01	0.0	0.0	0.0
22747						





200106	2-577070R-01	7-075751E-02	1-384734E-01	-2-677325E-03	5-291574E-03	-7-274484E-05
200114	2-6-657R-01	8-527874E-02	1-401150E-01	5-451557E-04	1-041525E-03	-7-274484E-05
200121	2-76052R-01	9-655119E-02	1-451533E-01	5-451557E-04	1-041525E-03	-7-274484E-05
200129	2-444908E-01	7-521094E-02	1-431153E-01	5-460797E-03	-1-197764E-03	-7-274484E-05
200137	1-638772E-01	7-297474E-02	1-431153E-01	5-460797E-03	-1-197764E-03	-7-274484E-05
200145	2-344674E-02	2-340865E-02	1-431153E-01	5-460797E-03	-1-197764E-03	-7-274484E-05
200153	2-377474E-02	8-824795E-01	1-431153E-01	5-460797E-03	-1-197764E-03	-7-274484E-05
200155	5-190021E-02	-1-816804E-02	1-431153E-01	5-460797E-03	-1-197764E-03	-7-274484E-05
200157	5-235718E-01	-1-538107E-02	1-217404E-02	5-460797E-03	-1-197764E-03	-7-274484E-05
211001	3-966612E-01	2-976578E-01	-1-200255E-01	6-147767E-03	5-510363E-03	-2-985412E-03
211073	-1-450694E-02	-6-133774E-02	7-929575E-02	-4-904278E-03	9-919114E-03	-7-274484E-05
211077	-1-630538E-02	-6-133774E-02	7-929575E-02	-4-904278E-03	9-919114E-03	-7-274484E-05
214075	-1-540516E-02	-6-133997E-02	-8-969336E-03	-4-904278E-03	9-919114E-03	-7-274484E-05
214901	-5-235718E-01	-1-538107E-02	1-262155E-01	5-460797E-03	5-510363E-03	-2-985412E-03
214902	3-966612E-01	2-976578E-01	-1-200255E-01	6-147767E-03	5-510363E-03	-2-985412E-03
215102	-1-450694E-02	-6-133774E-02	7-929575E-02	-4-904278E-03	9-919114E-03	-7-274484E-05
215201	1-640127E-01	-7-748561E-02	-1-866593E-01	1-754057E-03	5-510363E-03	-2-985412E-03
215202	6-529384E-03	-1-005648E-01	-2-024642E-01	1-337545E-03	1-020218E-02	-4-628817E-03
220001	-5-208884E-01	1-132546E-02	1-339273E-01	5-234325E-03	1-786532E-03	-4-116118E-03
220002	3-937165E-01	-9-749866E-02	-1-242038E-01	-2-604556E-03	7-953141E-03	-4-116118E-03
222201	1-385942E-01	2-783175E-02	7-763296E-02	-6-482815E-03	8-154720E-03	-6-105635E-03
222202	5-450952E-02	1-757613E-02	-1-932751E-02	-5-211968E-03	1-704028E-02	-9-604868E-03
222301	2-811050E-02	2-622727E-02	6-503713E-02	-6-156327E-03	9-905700E-03	-6-315764E-04
222302	-6-758074E-02	2-622727E-02	6-503713E-02	-6-156327E-03	9-905700E-03	-6-315764E-04
223401	5-208984E-01	-5-147259E-02	1-822913E-01	-2-604556E-03	7-953141E-03	-4-116118E-03
223402	3-937165E-01	-9-749866E-02	-1-242038E-01	-2-604556E-03	7-953141E-03	-4-116118E-03
520018	-1-767082E-01	3-046349E-01	5-450566E-01	-4-327531E-02	-5-534720E-03	-6-838179E-02
520224	-1-343494E-01	3-046349E-01	4-822402E-01	-9-325439E-02	-5-534720E-03	-6-838179E-02
520357	9-391740E-02	3-046349E-01	1-730474E-01	-9-325439E-02	-5-534720E-03	-6-838179E-02
520365	1-539753E-01	3-046349E-01	9-741330E-02	-1-312454E-01	-5-534720E-03	-6-838179E-02
520368	1-717665E-01	3-046349E-01	5-963729E-02	-1-029768E-01	-5-534720E-03	-6-838179E-02
520379	2-676418E-01	3-046349E-01	-5-624875E-02	-1-029768E-01	-5-534720E-03	-6-838179E-02
520135	8-139679E-01	3-049332E-01	-7-295475E-01	-1-2980374E-01	-5-534720E-03	-6-838179E-02
520139	8-360274E-01	3-049332E-01	-7-295475E-01	-1-2980374E-01	-5-534720E-03	-6-838179E-02
520152	1-000037E-00	3-050284E-01	-9-545927E-01	-1-313422E-01	-5-534720E-03	-6-838179E-02
520165	1-356397E-03	3-050284E-01	-1-387757E-00	-1-313422E-01	-5-534720E-03	-6-838179E-02

POINT NO.	TYPE	11	12	13	14	15	16	17	18	19	20	21	22	23
3341	0	7.82738E-02	1.60382E-01	1.53077E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3342	0	3.68393E-02	1.60382E-01	1.53077E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3343	0	-1.26575E-02	4.95208E-01	3.95055E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3344	0	4.34577E-02	4.96155E-01	3.96055E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3345	0	1.04735E-01	2.98650E-01	2.98111E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3346	0	1.16166E-01	2.98650E-01	2.98111E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3347	0	3.87926E-02	2.97724E-01	2.97913E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3348	0	1.04727E-02	3.26262E-01	2.36376E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3349	0	5.72927E-02	3.23114E-01	3.00439E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3350	0	-2.32640E-02	3.22957E-01	2.56525E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3351	0	-2.93399E-02	3.17384E-01	2.55749E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3352	0	-3.08564E-02	3.16159E-01	2.55649E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3353	0	1.64667E-01	2.27742E-01	1.55527E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3354	0	5.92568E-02	2.28715E-01	1.56025E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3355	0	1.54449E-01	2.23633E-01	1.57961E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3356	0	1.15250E-01	2.23331E-01	1.56482E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3357	0	3.33444E-02	2.22885E-01	1.58824E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3358	0	1.60024E-02	2.22632E-01	1.58132E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3359	0	8.77870E-02	2.33790E-01	1.61361E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3360	0	5.60596E-02	2.33922E-01	1.51734E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3361	0	6.84240E-03	2.25607E-01	1.51864E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3362	0	-2.33605E-02	2.25585E-01	1.64731E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3363	0	5.05575E-02	2.47231E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3364	0	1.44656E-02	2.47535E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3365	0	-1.44637E-02	2.35610E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3366	0	-7.83261E-02	3.15493E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3367	0	-7.36595E-02	3.35869E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3368	0	-2.44562E-02	3.35869E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3369	0	1.35187E-01	1.60335E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3370	0	1.13404E-01	1.60335E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3371	0	5.39923E-02	1.60335E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3372	0	1.22250E-02	1.60335E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3373	0	2.48372E-02	1.60335E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3374	0	6.36778E-03	1.60335E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3375	0	5.57127E-02	1.60335E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3376	0	1.13134E-01	1.60335E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3377	0	-2.07181E-02	1.54405E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3378	0	-5.52991E-02	1.54405E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3379	0	4.04162E-02	1.54405E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3380	0	-8.81729E-02	2.27274E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3381	0	1.67777E-01	3.19916E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3382	0	-1.16495E-01	3.19916E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3383	0	1.46734E-01	1.22689E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3384	0	1.13046E-01	1.23816E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3385	0	3.35923E-02	1.23816E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3386	0	2.76526E-03	1.23816E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3387	0	5.37610E-02	1.23816E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3388	0	5.08853E-03	1.23816E-01	1.53930E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3389	0	6.65475E-02	6.65475E-02	6.65475E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3390	0	1.24155E-02	6.70072E-02	6.65475E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3391	0	-2.43186E-02	6.70072E-02	6.65475E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3392	0	-5.75572E-02	6.70072E-02	6.65475E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3393	0	4.96424E-02	6.70072E-02	6.65475E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3394	0	-6.24402E-02	6.70072E-02	6.65475E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3395	0	-2.94502E-02	6.70072E-02	6.65475E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3396	0	-4.46743E-02	6.70072E-02	6.65475E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

9113	7.510508E-02	1.531148E-01	7.711111E-02	0.0	0.0
9117	-2.933525E-02	1.287100E-01	9.497184E-01	0.0	0.0
9131	1.356242E-01	8.512459E-02	1.773040E-01	0.0	0.0
9133	1.553169E-01	6.648876E-02	3.421307E-02	0.0	0.0
9137	3.116867E-02	6.635871E-02	4.121494E-01	0.0	0.0
9139	-1.991624E-01	8.624172E-02	-1.515304E-02	0.0	0.0
9141	0.0	1.836811E-02	1.788249E-01	0.0	0.0
9143	7.376127E-02	1.633308E-02	2.577094E-02	0.0	0.0
9147	0.0	1.255938E-02	2.756176E-01	0.0	0.0
9149	0.0	1.182308E-02	-1.786115E-02	0.0	0.0
9161	6.432227E-02	-2.054423E-02	1.390432E-01	0.0	0.0
9163	1.930825E-02	-2.021719E-02	1.056423E-01	0.0	0.0
9167	-1.420813E-02	-1.755444E-02	1.484519E-02	0.0	0.0
9169	-4.554214E-02	-1.711643E-02	-5.705766E-03	0.0	0.0
9171	3.401349E-02	-5.340292E-02	1.456640E-01	0.0	0.0
9173	0.0	-4.979311E-02	1.075302E-01	0.0	0.0
9177	0.0	-4.360019E-02	1.136436E-02	0.0	0.0
9179	-4.517862E-02	-4.246096E-02	-4.768517E-03	0.0	0.0
11300	1.762987E-02	-6.966617E-02	2.421122E-01	0.0	0.0
11503	3.616221E-02	3.027291E-02	0.0	0.0	0.0
11507	-2.718006E-02	3.027291E-02	0.0	0.0	0.0
11511	1.635550E-01	-2.395904E-03	0.0	0.0	0.0
11513	7.403117E-02	-2.903009E-03	1.503713E-01	0.0	0.0
11537	2.021512E-02	-5.390331E-03	5.580263E-02	0.0	0.0
11539	-6.293092E-03	-5.475808E-03	0.0	0.0	0.0
11543	5.128155E-02	-4.961881E-02	1.533444E-01	0.0	0.0
11547	6.146234E-03	-4.963881E-02	5.577260E-02	0.0	0.0
11561	4.814588E-02	-1.358606E-01	1.857669E-01	0.0	0.0
11563	3.013753E-02	-1.341159E-01	1.499463E-01	0.0	0.0
11567	-4.491753E-05	-4.432423E-02	5.558734E-02	0.0	0.0
11569	-1.709329E-02	-9.401858E-02	2.184943E-02	0.0	0.0
11571	6.539124E-02	0.0	1.775659E-01	0.0	0.0
11579	-1.875062E-02	0.0	2.170539E-02	0.0	0.0
11700	3.267711E-02	-3.025797E-02	8.026225E-02	0.0	0.0
13500	5.895822E-02	-2.127814E-01	1.198844E-01	0.0	0.0
13601	-6.656487E-03	-4.377663E-02	1.686000E-01	0.0	0.0
13603	-6.636139E-02	-2.013805E-02	1.537582E-01	0.0	0.0
13607	-2.266437E-02	-1.965015E-02	7.986134E-02	0.0	0.0
13609	-1.476032E-02	2.400757E-02	6.119324E-02	0.0	0.0
13621	5.783927E-03	-4.883250E-02	1.739254E-01	0.0	0.0
13623	4.079769E-03	-4.936572E-02	1.523731E-01	0.0	0.0
13627	2.044646E-03	-4.933541E-02	7.794734E-02	0.0	0.0
13629	7.810587E-03	-5.025280E-02	5.443229E-02	0.0	0.0
13631	7.862130E-02	-7.613758E-02	1.745234E-01	0.0	0.0
13633	4.345598E-02	-7.661587E-02	1.501824E-01	0.0	0.0
13637	1.402185E-02	-7.802981E-02	7.468158E-02	0.0	0.0
13639	-4.208371E-03	-7.845008E-02	4.966596E-02	0.0	0.0
13641	0.0	-1.137249E-01	1.772157E-01	0.0	0.0
13643	4.355102E-02	-1.114388E-01	1.480855E-01	0.0	0.0
13647	1.409032E-02	-1.113827E-01	7.316834E-02	0.0	0.0
13649	1.380948E-02	-1.037052E-01	7.353401E-02	0.0	0.0
13661	0.0	-1.041674E-01	4.413063E-02	0.0	0.0
13663	1.405289E-02	-1.534357E-01	1.761295E-01	0.0	0.0
13667	3.723368E-02	-1.534536E-01	1.472279E-01	0.0	0.0
13669	1.171115E-02	-1.282228E-01	7.216364E-02	0.0	0.0
13671	6.083893E-03	-1.283046E-01	4.754856E-02	0.0	0.0
13673	2.906287E-02	0.0	1.795473E-01	0.0	0.0
13679	1.855132E-02	0.0	3.754561E-02	0.0	0.0
14601	-6.653487E-03	-3.426354E-02	1.494014E-01	0.0	0.0
14603	-1.337615E-02	-3.123081E-02	1.288697E-01	0.0	0.0
14607	-1.551190E-02	-2.989991E-02	5.157622E-02	0.0	0.0
14809	-1.474032E-02	-3.281295E-02	4.039895E-02	0.0	0.0
14821	4.169455E-03	-6.155959E-02	1.556499E-01	0.0	0.0
14823	7.028777E-03	-6.131886E-02	1.288897E-01	0.0	0.0
14827	3.742817E-03	-6.027943E-02	6.157822E-02	0.0	0.0
14829	1.003489E-02	-6.076094E-02	3.400882E-02	0.0	0.0



14931	7.841397E-02	-1.017749E-01	1.582031E-01	0.0	0.0	0.0	0.0	0.0	0.0
14932	3.562913E-02	-1.011908E-01	1.296514E-01	0.0	0.0	0.0	0.0	0.0	0.0
14933	1.519194E-02	9.770168E-02	6.104695E-02	0.0	0.0	0.0	0.0	0.0	0.0
14934	-3.555427E-02	-9.747688E-02	3.563594E-02	0.0	0.0	0.0	0.0	0.0	0.0
14935	0.0	-1.251000E-01	1.511415E-01	0.0	0.0	0.0	0.0	0.0	0.0
14936	3.377477E-02	-1.259054E-01	1.307721E-01	0.0	0.0	0.0	0.0	0.0	0.0
14937	1.611904E-02	-1.230576E-01	6.047752E-02	0.0	0.0	0.0	0.0	0.0	0.0
14938	0.0	-1.230753E-01	3.765035E-02	0.0	0.0	0.0	0.0	0.0	0.0
14939	-1.001228E-03	-1.205818E-01	1.487675E-01	0.0	0.0	0.0	0.0	0.0	0.0
14940	3.868733E-02	-1.211728E-01	1.304456E-01	0.0	0.0	0.0	0.0	0.0	0.0
14941	1.866114E-02	-1.396408E-01	9.110403E-02	0.0	0.0	0.0	0.0	0.0	0.0
14942	2.691634E-02	-1.386153E-01	5.836568E-02	0.0	0.0	0.0	0.0	0.0	0.0
14943	3.166724E-02	-1.596050E-01	1.429976E-01	0.0	0.0	0.0	0.0	0.0	0.0
14944	3.151450E-02	-1.604369E-01	1.275831E-01	0.0	0.0	0.0	0.0	0.0	0.0
14945	7.430625E-02	-1.529010E-01	4.716576E-02	0.0	0.0	0.0	0.0	0.0	0.0
14946	5.581513E-02	-1.621038E-01	2.828533E-02	0.0	0.0	0.0	0.0	0.0	0.0
14947	-6.055173E-03	-3.363275E-02	1.316462E-01	0.0	0.0	0.0	0.0	0.0	0.0
14948	-2.924504E-02	-3.037916E-02	4.122348E-02	0.0	0.0	0.0	0.0	0.0	0.0
14949	-1.337615E-02	-2.879051E-02	1.257113E-01	0.0	0.0	0.0	0.0	0.0	0.0
14950	-1.551196E-02	-2.973782E-02	1.108360E-01	0.0	0.0	0.0	0.0	0.0	0.0
14951	-4.275674E-04	-3.365323E-02	4.455477E-02	0.0	0.0	0.0	0.0	0.0	0.0
14952	2.547305E-03	-5.793731E-02	1.289670E-02	0.0	0.0	0.0	0.0	0.0	0.0
14953	6.511350E-03	-5.687657E-02	1.164977E-01	0.0	0.0	0.0	0.0	0.0	0.0
14954	5.911417E-03	-5.842044E-02	7.863755E-02	0.0	0.0	0.0	0.0	0.0	0.0
14955	4.463404E-03	-5.711735E-02	3.899483E-02	0.0	0.0	0.0	0.0	0.0	0.0
14956	1.373560E-02	-5.517047E-02	1.574612E-02	0.0	0.0	0.0	0.0	0.0	0.0
14957	8.238533E-03	0.0	1.158267E-01	0.0	0.0	0.0	0.0	0.0	0.0
14958	3.346189E-02	-1.214331E-01	4.238430E-02	0.0	0.0	0.0	0.0	0.0	0.0
14959	2.447273E-02	-1.114105E-01	1.139475E-01	0.0	0.0	0.0	0.0	0.0	0.0
14960	3.225391E-02	-1.114105E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14961	4.964674E-02	-1.220653E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14962	6.313143E-02	-1.277943E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14963	6.711751E-02	-1.283226E-01	1.250399E-03	0.0	0.0	0.0	0.0	0.0	0.0
14964	7.807323E-02	-1.285490E-01	2.375022E-02	0.0	0.0	0.0	0.0	0.0	0.0
14965	-2.494225E-02	-5.377237E-03	-1.668174E-02	0.0	0.0	0.0	0.0	0.0	0.0
14966	-2.210437E-02	-2.394829E-03	-2.607031E-02	0.0	0.0	0.0	0.0	0.0	0.0
14967	1.243033E-02	-5.526100E-03	-5.509420E-02	0.0	0.0	0.0	0.0	0.0	0.0
14968	2.142523E-02	-7.131174E-03	-6.495480E-02	0.0	0.0	0.0	0.0	0.0	0.0
14969	-2.661422E-02	-2.493352E-02	-1.289566E-02	0.0	0.0	0.0	0.0	0.0	0.0
14970	-1.530794E-02	-2.451810E-02	-2.634022E-02	0.0	0.0	0.0	0.0	0.0	0.0
14971	6.759062E-03	-2.443638E-02	-4.139356E-02	0.0	0.0	0.0	0.0	0.0	0.0
14972	2.621414E-02	-2.324554E-02	-5.617347E-02	0.0	0.0	0.0	0.0	0.0	0.0
14973	3.687625E-02	-2.597713E-02	-9.941122E-02	0.0	0.0	0.0	0.0	0.0	0.0
14974	-1.304361E-02	-1.430774E-02	-1.871436E-02	0.0	0.0	0.0	0.0	0.0	0.0
14975	0.0	-2.023895E-02	-2.830227E-02	0.0	0.0	0.0	0.0	0.0	0.0
14976	0.0	-2.114175E-02	-2.338367E-02	0.0	0.0	0.0	0.0	0.0	0.0
14977	0.0	-2.231122E-02	-2.646355E-02	0.0	0.0	0.0	0.0	0.0	0.0
14978	3.533406E-02	-2.241826E-02	-5.70377E-02	0.0	0.0	0.0	0.0	0.0	0.0
14979	-4.449485E-02	-1.192207E-02	-2.588859E-02	0.0	0.0	0.0	0.0	0.0	0.0
14980	-5.394799E-02	-1.158660E-02	-2.601182E-02	0.0	0.0	0.0	0.0	0.0	0.0
14981	-6.957447E-02	-1.132211E-02	-2.762359E-02	0.0	0.0	0.0	0.0	0.0	0.0
14982	-8.631212E-02	-1.337725E-02	-3.672652E-02	0.0	0.0	0.0	0.0	0.0	0.0
14983	-7.986963E-02	-1.251740E-02	-4.424356E-02	0.0	0.0	0.0	0.0	0.0	0.0
14984	-5.569857E-02	-1.742111E-02	-5.145027E-02	0.0	0.0	0.0	0.0	0.0	0.0
14985	-7.601664E-02	-2.300443E-02	-6.350775E-02	0.0	0.0	0.0	0.0	0.0	0.0
14986	2.391045E-02	-2.076298E-02	-5.32317E-02	0.0	0.0	0.0	0.0	0.0	0.0
14987	4.274425E-02	-2.130667E-02	-6.279919E-02	0.0	0.0	0.0	0.0	0.0	0.0
14988	-4.144156E-02	-7.123942E-03	-2.610313E-02	0.0	0.0	0.0	0.0	0.0	0.0
14989	-5.127434E-02	-1.131773E-02	-2.673746E-02	0.0	0.0	0.0	0.0	0.0	0.0
14990	2.611455E-02	-2.133471E-02	-6.350775E-02	0.0	0.0	0.0	0.0	0.0	0.0
14991	4.337515E-02	-2.333127E-02	-8.513406E-02	0.0	0.0	0.0	0.0	0.0	0.0
14992	-3.322487E-02	-6.432599E-03	-2.611352E-02	0.0	0.0	0.0	0.0	0.0	0.0
14993	-3.714043E-02	-6.513618E-03	-7.731925E-02	0.0	0.0	0.0	0.0	0.0	0.0
14994	-3.810713E-02	-1.475420E-02	-2.362789E-02	0.0	0.0	0.0	0.0	0.0	0.0
14995	4.775597E-02	-1.173752E-02	-5.564651E-02	0.0	0.0	0.0	0.0	0.0	0.0

18661	-3.120338E-02	-0.252531E-03	-2.473200E-22	-1.662140E-03	2.372855E-03	-2.763645E-03
18662	-3.448193E-02	-7.564686E-03	-2.677331E-02	1.665932E-03	4.347946E-03	-1.070945E-03
18663	-3.760066E-02	-9.317370E-03	-3.186460E-02	3.076126E-03	5.188974E-03	-5.113902E-04
18664	-3.368032E-02	-1.378652E-02	-3.781876E-02	3.00	0.0	1.574839E-03
18665	-1.471360E-02	-1.689912E-02	-4.524711E-02	0.0	0.0	3.059194E-03
18666	-3.621745E-04	-1.344450E-02	-5.233605E-02	0.0	0.0	3.415647E-03
18667	2.582021E-02	-2.125933E-02	-5.983197E-02	2.274062E-03	2.470581E-03	3.795849E-03
18668	3.893532E-02	-2.172678E-02	-6.403443E-02	1.2201502E-03	1.201502E-03	3.731879E-03
18669	4.624251E-02	-2.115542E-02	-6.642187E-02	5.650190E-04	7.108417E-05	3.613621E-03
18681	2.767481E-02	-0.519033E-02	-2.136268E-02	0.0	0.0	0.0
18684	3.221517E-02	-4.519033E-02	-3.342160E-02	3.076126E-03	5.766640E-03	9.178501E-04
18685	4.571183E-02	-4.928046E-02	-7.752846E-02	0.0	0.0	0.0
18687	5.493213E-02	-4.848656E-02	-5.926491E-02	2.774062E-03	2.370836E-03	9.178559E-04
18689	7.503612E-02	-6.315452E-02	-6.820475E-02	0.0	0.0	0.0
18683	3.159533E-02	-4.505451E-02	-4.759741E-02	0.0	0.0	0.0
18687	5.331256E-02	-7.645400E-02	-6.471590E-02	0.0	0.0	0.0
19741	4.551409E-02	-4.310835E-02	-4.961252E-02	2.641402E-03	6.755174E-04	-3.651855E-04
19742	-6.196841E-02	-7.23397E-02	-7.255342E-02	3.221651E-03	1.751227E-03	-2.332449E-03
19743	-6.473631E-02	-3.763217E-02	-8.034116E-02	0.0	2.379224E-03	-1.821413E-03
19745	-5.620414E-02	-4.131138E-02	-6.670315E-02	0.0	0.0	-7.398317E-04
19747	-2.216063E-01	-6.622222E-02	-9.415733E-02	3.0	2.895391E-03	2.790507E-03
19748	-9.016804E-03	-6.710029E-02	-9.133645E-02	-9.973576E-04	2.251290E-03	5.704902E-03
19749	-4.222777E-02	-8.72951E-02	-8.177104E-02	-1.768384E-03	9.229986E-05	6.40541E-03
19751	-4.696575E-02	-4.387465E-02	-5.003147E-02	3.222347E-03	7.289480E-04	6.807316E-03
19752	-4.840384E-02	-2.452656E-02	-9.115918E-02	2.557551E-03	2.115616E-03	-6.167975E-04
19758	7.717334E-03	-4.041813E-02	-8.206013E-02	-5.633413E-04	4.178737E-03	4.694186E-03
19759	4.308826E-02	-5.001100E-02	-4.994920E-02	-2.255048E-03	1.809534E-04	4.498281E-03
19761	-4.926855E-02	-4.930168E-02	-7.263715E-02	-2.997132E-03	1.027217E-03	7.991998E-04
19762	-4.290193E-02	-6.930168E-02	-7.946609E-02	3.008734E-03	2.262408E-03	8.952518E-04
19763	-2.274067E-02	-6.611711E-02	-9.992129E-02	0.0	2.455350E-03	1.415873E-03
19767	4.543606E-03	-4.197703E-02	-9.363979E-02	0.0	-0	-2.939222E-03
19768	1.305123E-02	-4.109586E-02	-9.103246E-02	-1.258427E-03	2.591184E-03	3.848189E-03
19769	4.357287E-02	-3.943337E-02	-8.207364E-02	-9.705875E-04	2.156615E-03	3.962939E-03
21183	2.895417E-02	-1.088711E-01	-5.686757E-03	0.0	2.066062E-04	4.002104E-03
21321	4.862038E-02	-1.107232E-01	-5.686757E-03	0.0	1.748225E-03	-4.727345E-03
21323	-4.504421E-02	4.96462E-02	1.031744E-03	0.0	0.0	0.0
21325	-2.073206E-02	4.810450E-02	1.299225E-02	0.0	0.0	0.0
21326	7.666461E-03	4.838405E-02	3.457415E-02	0.0	0.0	0.0
21327	3.607524E-02	4.819871E-02	-5.594213E-02	0.0	0.0	0.0
21329	4.382197E-02	4.424866E-02	-6.82570E-02	0.0	0.0	0.0
21341	-5.822044E-02	-9.340093E-02	7.196423E-03	1.384470E-03	2.884012E-03	-7.566713E-03
21343	-9.565570E-02	-6.52347E-02	-2.788280E-03	0.0	2.789692E-03	-5.879968E-03
21345	-9.651255E-02	-5.99323E-02	-3.048415E-02	0.0	1.091677E-03	4.669469E-03
21347	-8.012373E-03	7.269830E-02	-6.138941E-02	0.0	-6.063369E-04	9.112891E-03
21349	4.306745E-02	-7.244045E-02	-7.525940E-02	2.061552E-03	-7.006570E-04	9.109322E-03
21361	-7.661283E-02	-9.322631E-02	5.733774E-03	0.0	0.0	0.0
21363	-6.075898E-02	-6.030149E-02	-1.871657E-03	7.373728E-03	0.0	0.0
21364	-3.298271E-02	-4.366882E-02	-1.681762E-02	0.0	0.0	0.0
21366	-1.016064E-02	-9.414852E-02	-4.40080E-02	0.0	0.0	0.0
21367	1.517937E-02	-9.39534E-02	-6.18693E-02	2.176854E-03	2.693173E-03	0.0
21369	3.924417E-02	-9.440082E-02	-7.52432E-02	0.0	0.0	0.0
21383	2.876368E-02	-1.197697E-01	-2.552416E-03	1.810596E-03	6.618291E-03	-4.970841E-03
21387	4.859398E-02	-1.212077E-01	-3.251541E-02	2.150428E-03	2.588499E-03	-4.863556E-03
21465	0.0	-1.262188E-01	-2.126634E-03	0.0	0.0	0.0
21801	-2.732933E-02	8.539402E-02	-2.126634E-03	0.0	0.0	0.0
21803	-5.658593E-03	8.824992E-02	-1.003477E-02	0.0	0.0	0.0
21807	4.084907E-02	8.765317E-02	-4.295166E-02	0.0	0.0	0.0
21809	6.136930E-02	8.466754E-02	-5.214085E-02	0.0	0.0	0.0
21821	-4.491894E-02	7.130551E-02	5.405165E-03	0.0	0.0	0.0
21823	-2.128142E-02	7.131708E-02	-9.490561E-03	0.0	0.0	0.0
21825	7.773157E-03	7.072759E-02	-2.683541E-02	0.0	0.0	0.0
21827	3.731446E-02	7.041425E-02	-4.438452E-02	0.0	0.0	0.0
21829	6.393421E-02	6.988263E-02	-6.040798E-02	0.0	0.0	0.0
22312	-2.801154E-02	9.914094E-02	2.715129E-03	0.0	0.0	0.0
22318	5.772932E-02	9.962308E-02	-4.616067E-02	0.0	0.0	0.0

22701	-2.417159E-02	1.276099E-01	3.031333E-03	0.0	0.0	0.0	0.0
22703	-8.785604E-04	1.276099E-01	-3.534711E-03	0.0	0.0	0.0	0.0
22707	6.158917E-02	1.276099E-01	-2.937611E-03	0.0	0.0	0.0	0.0
22709	6.144130E-02	1.276099E-01	-3.988393E-03	0.0	0.0	0.0	0.0
22721	6.457339E-02	1.276099E-01	1.276099E-03	0.0	0.0	0.0	0.0
22723	-2.171098E-02	1.276099E-01	2.210117E-03	0.0	0.0	0.0	0.0
22725	5.128818E-03	1.276099E-01	1.656767E-03	0.0	0.0	0.0	0.0
22727	6.735265E-02	1.276099E-01	-3.376533E-03	0.0	0.0	0.0	0.0
22729	6.325968E-02	1.276099E-01	-4.610131E-03	0.0	0.0	0.0	0.0
23100	-3.430764E-02	1.276099E-01	1.553179E-03	0.0	0.0	0.0	0.0
25001	-1.818694E-02	2.159499E-01	6.441567E-03	0.0	0.0	0.0	0.0
25003	-4.467365E-03	2.209075E-01	7.471371E-03	0.0	0.0	0.0	0.0
25007	6.268652E-02	2.212735E-01	4.228499E-03	0.0	0.0	0.0	0.0
25009	6.323773E-02	2.187842E-01	2.661613E-03	0.0	0.0	0.0	0.0
25021	-4.351156E-02	1.987283E-01	9.503038E-03	0.0	0.0	0.0	0.0
25025	5.662270E-03	2.001703E-01	5.522990E-02	0.0	0.0	0.0	0.0
25029	6.161344E-02	2.014536E-01	1.825342E-02	0.0	0.0	0.0	0.0
25041	-7.652769E-02	1.443128E-01	9.651139E-02	0.0	0.0	0.0	0.0
25045	0.0	1.437333E-01	5.496566E-02	0.0	0.0	0.0	0.0
25049	3.879409E-02	1.429802E-01	1.416934E-02	0.0	0.0	0.0	0.0
25061	-1.073117E-01	1.349750E-01	9.797078E-02	0.0	0.0	0.0	0.0
25065	-4.290347E-02	1.345426E-01	5.413463E-02	0.0	0.0	0.0	0.0
25067	-2.287134E-02	1.339647E-01	1.229121E-02	0.0	0.0	0.0	0.0
26801	-5.653194E-03	2.961523E-01	1.272703E-03	0.0	0.0	0.0	0.0
26809	3.863317E-02	2.980531E-01	9.235438E-02	0.0	0.0	0.0	0.0
26821	-4.455008E-02	2.784220E-01	1.450474E-03	0.0	0.0	0.0	0.0
26825	1.241163E-03	2.780616E-01	1.090440E-03	0.0	0.0	0.0	0.0
26849	5.534252E-02	2.778744E-01	6.530762E-02	0.0	0.0	0.0	0.0
26845	-6.937391E-02	2.304912E-01	1.480131E-03	0.0	0.0	0.0	0.0
26849	0.0	2.330157E-01	1.154495E-03	0.0	0.0	0.0	0.0
26849	3.068924E-02	2.351764E-01	6.545134E-02	0.0	0.0	0.0	0.0
26861	-1.004443E-01	1.976730E-01	1.514133E-03	0.0	0.0	0.0	0.0
26865	-4.877408E-02	1.976686E-01	1.247345E-03	0.0	0.0	0.0	0.0
26869	9.842403E-03	1.966945E-01	6.719323E-02	0.0	0.0	0.0	0.0
29905	-1.156274E-01	4.206417E-01	1.520279E-03	0.0	0.0	0.0	0.0
29921	-4.154131E-02	4.105499E-01	1.815139E-03	0.0	0.0	0.0	0.0
29925	-5.345191E-03	4.094830E-01	1.518755E-03	0.0	0.0	0.0	0.0
29929	6.670671E-03	4.105499E-01	1.212788E-03	0.0	0.0	0.0	0.0
29945	0.0	3.757112E-01	1.466509E-03	0.0	0.0	0.0	0.0
29949	2.115789E-02	3.762100E-01	1.154755E-03	0.0	0.0	0.0	0.0
29961	-5.874404E-02	3.392583E-01	1.813172E-03	0.0	0.0	0.0	0.0
29965	-6.020578E-02	3.179456E-01	1.498545E-03	0.0	0.0	0.0	0.0
29969	-9.007864E-03	3.382533E-01	1.192400E-03	0.0	0.0	0.0	0.0
30045	-2.379872E-02	3.744550E-01	1.503936E-03	0.0	0.0	0.0	0.0
31745	-3.804942E-02	3.492430E-01	1.533093E-03	0.0	0.0	0.0	0.0
33645	-3.062158E-02	3.292430E-01	1.371988E-03	0.0	0.0	0.0	0.0
35945	-3.061120E-02	1.225311E-01	1.008493E-03	0.0	0.0	0.0	0.0
38045	-3.052523E-02	7.372432E-01	4.381735E-02	0.0	0.0	0.0	0.0
40141	4.460347E-01	1.931523E-02	-1.757041E-02	0.0	0.0	0.0	0.0
40142	2.410683E-01	3.931523E-02	-1.999413E-02	0.0	0.0	0.0	0.0
40143	7.218667E-01	3.931523E-02	-2.177253E-02	0.0	0.0	0.0	0.0
40144	-2.926689E-02	3.428302E-02	-3.048382E-02	0.0	0.0	0.0	0.0
40147	-1.370585E-01	3.931523E-02	-3.860179E-02	0.0	0.0	0.0	0.0
40149	3.181739E-01	3.931523E-02	-6.128031E-02	0.0	0.0	0.0	0.0
42149	-5.392342E-01	3.931523E-02	-9.230357E-02	0.0	0.0	0.0	0.0
42745	-2.736198E-02	-1.691490E-01	-1.113438E-03	0.0	0.0	0.0	0.0
44345	-2.643756E-02	-4.306192E-01	-1.790208E-03	0.0	0.0	0.0	0.0
45245	-2.672395E-02	-5.021141E-01	-1.975102E-03	0.0	0.0	0.0	0.0
46645	-2.814244E-02	-6.281169E-01	-2.258835E-03	0.0	0.0	0.0	0.0
48045	-3.8181737E-02	-6.316035E-01	-1.997683E-03	0.0	0.0	0.0	0.0
48845	-5.000250E-02	-5.874100E-01	-1.901206E-03	0.0	0.0	0.0	0.0
49745	-6.875506E-02	-4.569765E-01	-1.732838E-03	0.0	0.0	0.0	0.0
50645	-9.339321E-02	-2.621271E-01	-1.502974E-03	0.0	0.0	0.0	0.0
51545	-1.231218E-01	-2.080207E-01	-1.225913E-03	0.0	0.0	0.0	0.0
52045	-1.567965E-01	2.117362E-01	-1.042443E-03	0.0	0.0	0.0	0.0

61912	-2.480074E-02	-6.942676E-04	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61913	-2.901997E-02	-3.665127E-04	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61914	-1.021646E-02	-8.177121E-03	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61916	-3.470385E-02	-5.130043E-03	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61917	-6.441566E-02	-1.100772E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61918	-3.826708E-02	-1.421579E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61920	-6.671282E-02	-4.221160E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61922	-5.066234E-02	-6.008596E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61923	6.507931E-02	-3.612940E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61926	-6.276936E-02	-6.268575E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61927	-6.186042E-02	-6.207770E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61928	-6.049802E-02	-9.116561E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61934	-6.361600E-02	-9.482074E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61935	-6.568844E-02	-9.715837E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
61936	-6.769434E-02	-9.971517E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62211	-3.501588E-02	1.784279E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62213	-3.056060E-02	1.104226E-03	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62217	-1.835466E-02	-1.691613E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62219	-9.606194E-03	-2.318988E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62221	-2.874346E-02	-3.762943E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62224	-2.493884E-02	-6.095241E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62226	-6.287549E-03	-6.920192E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62229	-1.132278E-03	-5.131039E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62231	-6.902982E-03	-1.144294E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62239	-6.342030E-06	-1.336516E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62811	-2.216451E-02	-1.492127E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62819	2.163175E-02	-2.671247E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62821	1.288144E-02	-3.980530E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62829	3.461943E-02	-5.829533E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62831	2.505134E-02	-1.207517E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
62839	3.643799E-02	-1.149130E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
63411	-6.837441E-03	1.822528E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
63419	5.266405E-02	-2.811380E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
63421	7.767774E-03	-2.203693E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
63429	6.896263E-02	-6.502473E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
63431	5.688284E-02	-1.279075E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
63439	7.272375E-02	-1.246330E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
64211	1.984997E-02	2.203812E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
64219	9.894907E-02	-3.143946E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
64221	6.048325E-02	-6.611803E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
64229	1.240734E-01	-7.447273E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
64231	1.054437E-01	-1.374009E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
64239	1.287251E-01	-1.350166E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65011	4.434633E-02	2.399427E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65019	1.457924E-01	-3.440256E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65021	7.467547E-02	-5.184652E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65029	1.814373E-01	-8.325771E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65031	1.560659E-01	-1.444444E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65039	1.875745E-01	-1.441200E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65911	6.905735E-02	2.032424E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65919	1.888104E-01	-3.351649E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65921	1.192928E-01	-6.110078E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65929	2.420133E-01	-9.290749E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65931	2.080152E-01	-1.480787E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
65939	2.446834E-01	-1.485438E-01	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71912	5.105264E-02	-1.982365E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71913	5.257115E-02	-1.944321E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71914	5.378404E-02	-1.909055E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71916	5.631445E-02	-2.381440E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71917	5.626370E-02	-2.359608E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71918	5.620362E-02	-2.321798E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71919	4.977921E-02	-3.592508E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71921	4.959810E-02	-3.844813E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71923	4.941219E-02	-4.115458E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71926	5.220448E-02	-4.818295E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03
71927	5.232474E-02	-5.035083E-02	-2.907601E-02	-2.289864E-03	1.677645E-03	-3.479308E-03

71925	5.25331e-02	5.362027e-02	-7.807277e-02	-3.16d371e-03	-1.763340e-04	-1.915498e-04
71934	5.21769e-02	-7.375924e-02	-7.559724e-02	-2.597342e-03	-7.112597e-04	-1.072079e-04
71935	5.76509e-02	-7.272161e-02	-7.559724e-02	-2.597342e-03	-7.112597e-04	-1.072079e-04
71936	5.813077e-02	-7.423737e-02	-7.559724e-02	-2.597342e-03	-7.112597e-04	-1.072079e-04
72211	5.115477e-02	-1.181523e-02	-6.450049e-02	0.0	0.0	0.0
72215	5.13360e-02	-1.817460e-02	-6.470257e-02	-1.239421e-03	-5.1444919e-04	-3.362270e-04
72217	5.224493e-02	-2.660871e-02	-6.380737e-02	-1.525261e-03	-4.711124e-04	-3.141535e-03
72219	5.269676e-02	-1.909234e-02	-6.384697e-02	0.0	0.0	0.0
72221	5.111728e-02	-1.901614e-02	-6.458303e-02	-5.416725e-03	-3.338164e-03	-6.243701e-04
72224	5.147890e-02	-1.375981e-02	-6.479131e-02	-5.482745e-03	-3.336693e-03	-7.094026e-04
72226	5.212497e-02	-5.490116e-02	-6.453282e-02	-4.152599e-03	-1.282100e-03	-2.228986e-04
72229	5.250471e-02	-5.0121994e-02	-6.461748e-02	-4.043873e-03	-2.094708e-03	-4.153010e-04
72231	5.252317e-02	-6.588310e-02	-6.313096e-02	-4.375923e-03	-1.363946e-03	-1.006186e-03
72233	5.293369e-02	-7.428044e-02	-6.315565e-02	-4.337801e-03	-4.441624e-04	-1.607222e-03
72241	4.505025e-02	-1.317765e-02	-4.820347e-02	0.0	0.0	0.0
72245	4.688784e-02	-1.317907e-02	-4.750555e-02	0.0	0.0	0.0
72247	4.772364e-02	-2.691235e-02	-4.514513e-02	0.0	0.0	0.0
72249	4.772364e-02	-5.607831e-02	-4.522675e-02	0.0	0.0	0.0
72253	4.716880e-02	-6.472291e-02	-4.271947e-02	0.0	0.0	0.0
73411	3.7602794e-02	-7.222045e-02	-4.272077e-02	0.0	0.0	0.0
73413	3.7602794e-02	-1.279308e-02	-3.146873e-02	0.0	0.0	0.0
73419	3.4901794e-02	-5.673583e-02	-3.142479e-02	0.0	0.0	0.0
73421	3.4901794e-02	-2.456342e-02	-2.610425e-02	0.0	0.0	0.0
73429	4.263088e-02	-5.266468e-02	-2.610425e-02	0.0	0.0	0.0
73431	4.143704e-02	-6.199148e-02	-2.051915e-02	0.0	0.0	0.0
73439	4.229472e-02	-7.109582e-02	-2.059501e-02	0.0	0.0	0.0
74211	2.917760e-02	-1.226849e-02	-1.834634e-02	0.0	0.0	0.0
74213	3.355475e-02	-1.945322e-02	-1.978703e-02	0.0	0.0	0.0
74221	3.167702e-02	-2.732089e-02	-6.024022e-03	-3.545476e-03	-8.422856e-04	-1.632402e-03
74223	3.167702e-02	-5.571812e-02	6.048414e-03	-3.545476e-03	-8.422856e-04	-1.632402e-03
74231	3.558281e-02	-5.777843e-02	1.504034e-02	0.0	0.0	0.0
75011	3.631714e-02	-6.087463e-02	1.507303e-02	0.0	0.0	0.0
75013	3.253273e-02	-1.166939e-02	3.4403574e-02	0.0	0.0	0.0
75015	3.414300e-02	-3.918117e-02	3.395590e-02	0.0	0.0	0.0
75021	2.604817e-02	-2.351301e-02	4.451649e-02	0.0	0.0	0.0
75023	3.346023e-02	-5.591681e-02	4.432137e-02	0.0	0.0	0.0
75031	3.346017e-02	-5.376785e-02	5.661513e-02	0.0	0.0	0.0
75033	3.343123e-02	-6.316093e-02	5.664070e-02	0.0	0.0	0.0
75039	1.937377e-02	-1.181149e-02	7.549434e-02	0.0	0.0	0.0
75911	2.2783922e-02	-3.631942e-02	7.549434e-02	0.0	0.0	0.0
75913	2.349136e-02	-2.203555e-02	9.076822e-02	0.0	0.0	0.0
75921	3.181021e-02	-7.470594e-02	9.130579e-02	-5.400579e-03	-1.755240e-03	-2.102513e-03
75931	4.194130e-02	-4.806333e-02	1.035169e-01	0.0	0.0	0.0
75939	5.117600e-02	-5.857200e-02	1.590442e-01	0.0	0.0	0.0
712403	2.152601e-01	-2.0501195e-01	-3.4630067e-02	-2.2135304e-03	-3.234361e-03	-7.472251e-03
713463	4.587467e-01	-4.0703174e-02	-1.7334947e-02	0.0	0.0	0.0
713467	2.006224e-01	-1.2160199e-01	-2.3414313e-02	0.0	0.0	0.0
714800	-2.1528031e-01	-2.6931178e-02	4.2652531e-02	-2.2135304e-03	-3.234361e-03	-7.472251e-03
715065	-9.4620032e-01	1.0697507e-01	8.6121536e-02	0.0	0.0	0.0
715065	-3.5040594e-02	1.3654262e-01	4.9131731e-02	0.0	0.0	0.0
715067	9.9002026e-01	1.0394527e-01	1.2232323e-02	0.0	0.0	0.0
715068	-2.8494766e-01	2.5177451e-02	8.5544344e-02	0.0	0.0	0.0
715383	-1.096336e-01	2.5177451e-02	3.4909111e-02	0.0	0.0	0.0
715387	-8.237326e-02	1.4767103e-01	1.4474314e-01	0.0	0.0	0.0
716467	-7.4864944e-01	1.9669456e-01	9.596026e-02	0.0	0.0	0.0
727206	-2.1528031e-01	1.7837995e-01	1.2268262e-02	0.0	0.0	0.0
718973	2.0603311e-02	-6.7159951e-02	-2.2175685e-02	-0.03	-5.105987e-03	-8.046106e-04
718973	6.4892013e-04	-6.7159951e-02	-6.3772621e-02	-0.03	-5.105987e-03	-8.046106e-04
200070	4.9298664e-02	-1.2724427e-01	-8.4930439e-02	-6.247464e-03	-5.105987e-03	-8.046106e-04
200076	1.0064626e-01	-7.5254481e-02	-8.9304373e-02	-6.213478e-03	-5.105987e-03	-8.046106e-04
200078	5.0055784e-03	-6.0560448e-02	-8.9515153e-02	-6.213478e-03	-5.105987e-03	-8.046106e-04
200086	-4.1404e-02	-1.747434e-02	-9.002452e-02	-6.207595e-03	-5.105987e-03	-8.046106e-04
200087	-3.4423994e-02	-7.9849927e-02	-9.002452e-02	-6.207595e-03	-5.105987e-03	-8.046106e-04
220069	-8.719474e-02	3.4931137e-02	-9.0363294e-02	-7.9911e-03	-4.523551e-03	-8.046106e-04
200066	-8.1420244e-02	9.4411927e-02	-9.0363294e-02	-7.9911e-03	-4.523551e-03	-8.046106e-04
2000101	-1.1711934e-01	4.9399973e-02	-9.1036767e-02	-6.7346530e-03	-3.9229211e-03	-8.046106e-04

200106	-1.302920E-01	9.181547E-02	-9.181145E-02	-3.449300E-03	-2.810036E-03	-8.046106E-04
200114	-1.441622E-01	1.108628E-01	-9.295342E-02	-1.251491E-03	-5.282029E-04	-8.046106E-04
200121	-1.413574E-01	1.124830E-01	-9.394342E-02	7.501469E-04	1.463430E-03	-8.046106E-04
200129	-1.204682E-01	9.793641E-02	-9.509466E-02	2.300175E-03	3.655024E-03	-8.046106E-04
200137	-8.445448E-02	6.916738E-02	-9.503440E-02	-9.291557E-03	3.255001E-03	-8.046106E-04
200145	-1.807943E-02	3.080677E-02	-9.509431E-02	-19.5775E-03	6.228319E-03	-8.046106E-04
200153	1.16612E-02	1.101145E-02	-9.509431E-02	5.482419E-03	6.519814E-03	-8.046106E-04
200155	-2.611686E-02	2.113418E-02	-9.509431E-02	5.482419E-03	6.519814E-03	-8.046106E-04
211001	-1.554253E-01	2.577649E-01	5.147911E-02	7.421403E-03	3.485569E-04	-8.046106E-04
211009	6.129109E-01	9.493923E-02	2.802113E-03	-7.421403E-03	3.485569E-04	-8.046106E-04
211013	2.060331E-02	-8.468437E-02	-1.506363E-01	-6.213978E-03	-5.105987E-03	-8.046106E-04
211017	6.892013E-04	-8.468437E-02	-1.506363E-01	-6.213978E-03	-5.105987E-03	-8.046106E-04
214075	1.084626E-02	-8.468437E-02	-1.506363E-01	-6.213978E-03	-5.105987E-03	-8.046106E-04
214901	-3.554253E-01	-7.935509E-03	3.615912E-02	-2.321403E-03	3.885691E-03	-8.046106E-04
214902	4.129109E-01	-1.146698E-01	4.173137E-02	-7.601742E-03	-9.873002E-04	-5.310908E-03
215101	-1.367073E-01	-2.866532E-02	2.144140E-02	9.623355E-04	7.776912E-03	-9.414885E-03
215102	1.526159E-01	-3.894418E-02	1.174710E-01	-2.398716E-03	-1.119636E-02	-1.024637E-02
215201	-8.924592E-03	-3.963275E-02	4.122344E-02	2.758919E-03	3.200710E-03	-2.552736E-03
215202	-8.858103E-03	-4.121556E-02	1.316442E-01	1.202221E-03	-6.925747E-03	-3.243998E-03
222001	-3.528661E-01	-2.466808E-01	2.949454E-01	-1.889295E-02	5.753782E-03	-8.391928E-03
222002	4.105834E-01	-2.065338E-01	-2.982311E-01	-1.749536E-02	-3.76548E-03	-5.347531E-03
222201	-5.560506E-02	6.472844E-02	7.492759E-02	-1.251675E-02	1.220090E-02	-7.150363E-03
222202	1.019912E-01	7.164258E-02	-9.768909E-02	-1.070360E-02	-1.348855E-02	-7.779900E-03
222301	5.712944E-02	9.962308E-02	-4.616367E-02	-1.589599E-03	5.976252E-03	3.124036E-04
222302	-2.401154E-02	9.914094E-02	2.715129E-03	-7.183235E-04	-7.453922E-03	-1.403685E-04
223401	-3.528661E-01	-3.398111E-01	2.112276E-01	-1.889295E-02	5.753782E-03	-8.391928E-03
223402	4.105834E-01	-2.823404E-01	-2.202644E-01	-1.749536E-02	-3.76548E-03	-5.347531E-03
520011	-2.241535E-01	2.170769E-01	-1.127903E-01	-4.713204E-03	-3.826543E-03	3.726819E-02
520024	-7.472616E-01	2.170769E-01	-1.157126E-01	-4.713204E-03	-3.826543E-03	3.727759E-02
520037	-3.741683E-01	2.170881E-01	-1.323712E-01	-6.032594E-03	-3.826543E-03	4.261662E-02
520065	-4.079235E-01	2.170907E-01	-1.372920E-01	-6.953467E-03	-3.926543E-03	4.636036E-02
520068	-4.254330E-01	2.170919E-01	-1.399755E-01	-7.435091E-03	-3.826543E-03	4.831769E-02
520079	-4.806131E-01	2.1711170E-01	-1.482200E-01	-8.765765E-03	-3.826543E-03	5.372977E-02
520135	-8.635787E-01	2.172956E-01	-2.180744E-01	-1.476911E-02	-3.826543E-03	7.822961E-02
520139	-8.940464E-01	2.173123E-01	-2.241663E-01	-1.494915E-02	-3.826543E-03	7.893479E-02
520152	-1.000000E-01	2.173631E-01	-2.241663E-01	-1.515900E-02	-3.826543E-03	7.983822E-02
520165	-1.263306E-00	2.173651E-01	-2.241663E-01	-1.515900E-02	-3.826543E-03	7.983822E-02

AT-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 (IN )  
 BASIC MISSION WEIGHT CONFIGURATION - 3933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 4612600E-04

POINT ID	TYPE	T1	T2	T3	R1	R2	R3
3331	G	1.01394E-01	2.72027E-02	-3.61648E-03	0.0	0.0	0.0
3339	G	1.23117E-01	1.72008E-02	-1.96135E-02	0.0	0.0	0.0
3341	G	1.136072E-01	8.05108E-02	-4.54232E-02	0.0	0.0	0.0
3349	G	1.291445E-01	6.366810E-02	-1.011147E-02	0.0	0.0	0.0
4631	G	1.273604E-01	2.347604E-02	-4.336015E-02	0.0	0.0	0.0
4633	G	1.290946E-01	1.627643E-02	-3.876710E-02	0.0	0.0	0.0
4637	G	1.236261E-01	1.025621E-02	-4.198711E-03	0.0	0.0	0.0
4639	G	1.211496E-01	2.341867E-02	-4.197521E-04	0.0	0.0	0.0
4641	G	1.223289E-01	1.833569E-02	-4.509276E-02	0.0	0.0	0.0
4649	G	1.146435E-01	1.831228E-02	-2.199879E-03	0.0	0.0	0.0
4661	G	1.146435E-01	2.341072E-02	-3.876710E-02	0.0	0.0	0.0
4669	G	1.146435E-01	2.341072E-02	-3.876710E-02	0.0	0.0	0.0
6123	G	1.146435E-01	2.341072E-02	-3.876710E-02	0.0	0.0	0.0
6127	G	1.146435E-01	2.341072E-02	-3.876710E-02	0.0	0.0	0.0
6131	G	1.237176E-01	2.815580E-03	-1.143948E-03	0.0	0.0	0.0
6133	G	1.302492E-01	7.574699E-03	-3.127234E-02	0.0	0.0	0.0
6137	G	1.288271E-01	9.547524E-03	-2.517781E-02	0.0	0.0	0.0
6139	G	1.226352E-01	9.60657E-03	-1.336696E-03	0.0	0.0	0.0
6141	G	1.211864E-01	9.681825E-03	-5.132627E-03	0.0	0.0	0.0
6143	G	1.252140E-01	2.225918E-02	-3.296743E-02	0.0	0.0	0.0
6147	G	1.204214E-01	2.227905E-02	-2.460557E-02	0.0	0.0	0.0
6149	G	1.210237E-01	2.444317E-02	-1.862308E-03	0.0	0.0	0.0
6151	G	1.179317E-01	2.443113E-02	-5.971475E-03	0.0	0.0	0.0
6153	G	1.203538E-01	2.295082E-02	-3.756564E-02	0.0	0.0	0.0
6157	G	1.197463E-01	3.292087E-02	-2.812037E-02	0.0	0.0	0.0
6169	G	1.197463E-01	3.616330E-02	-2.159531E-03	0.0	0.0	0.0
6171	G	1.175603E-01	1.611102E-02	-3.325335E-03	0.0	0.0	0.0
6173	G	1.175603E-01	6.34467E-02	-2.870301E-02	0.0	0.0	0.0
7031	G	1.197511E-01	2.573366E-02	-3.308445E-03	0.0	0.0	0.0
7033	G	1.246801E-01	6.472096E-03	0.0	0.0	0.0	0.0
7037	G	1.240183E-01	6.474786E-03	-1.362901E-02	0.0	0.0	0.0
7039	G	1.217597E-01	6.474786E-03	-8.627026E-04	0.0	0.0	0.0
7043	G	1.210564E-01	6.541237E-03	0.0	0.0	0.0	0.0
7047	G	1.201501E-01	0.0	-1.379199E-02	0.0	0.0	0.0
7051	G	1.209723E-01	0.0	-2.121794E-04	0.0	0.0	0.0
7053	G	1.208721E-01	2.332742E-02	-2.846894E-02	0.0	0.0	0.0
7057	G	1.169390E-01	2.332742E-02	-1.386394E-02	0.0	0.0	0.0
7059	G	1.184866E-01	2.920739E-02	5.665992E-04	0.0	0.0	0.0
7061	G	1.13239E-01	2.314640E-02	1.711596E-02	0.0	0.0	0.0
7063	G	1.128791E-01	0.0	-5.155241E-02	0.0	0.0	0.0
7069	G	1.115949E-01	0.0	-1.928101E-03	0.0	0.0	0.0
7071	G	1.159581E-01	-7.353549E-03	-2.779731E-03	-6.391155E-04	-9.461057E-04	-2.629813E-04
7073	G	1.265615E-01	1.595857E-02	-1.236592E-03	0.0	0.0	0.0
7075	G	1.262883E-01	2.571064E-03	0.0	0.0	0.0	0.0
7077	G	1.280183E-01	2.669443E-03	6.113267E-05	0.0	0.0	0.0
7079	G	1.227587E-01	2.669443E-03	1.288745E-02	0.0	0.0	0.0
7081	G	1.197123E-01	2.542590E-03	0.0	0.0	0.0	0.0
7083	G	1.194121E-01	0.0	-6.496145E-04	0.0	0.0	0.0
7085	G	1.198891E-01	0.0	-1.013122E-02	0.0	0.0	0.0
7087	G	1.200970E-01	3.691434E-03	-9.913977E-03	0.0	0.0	0.0
7089	G	1.192176E-01	3.774127E-03	-7.982713E-04	0.0	0.0	0.0
7091	G	1.192176E-01	1.158840E-02	1.049326E-02	0.0	0.0	0.0
7093	G	1.04875E-01	1.158840E-02	1.485201E-02	0.0	0.0	0.0
7095	G	1.107756E-01	0.0	-3.121269E-02	0.0	0.0	0.0
7097	G	1.112992E-01	0.0	-5.224574E-03	0.0	0.0	0.0
7099	G	1.129607E-01	1.421916E-03	9.227354E-03	0.0	0.0	0.0
7101	G	1.1341591E-01	1.044546E-03	1.131401E-02	0.0	0.0	0.0

9314	1.673133E-01	1.228656E-03	9.235332E-03	0.0	0.0	0.0
9317	1.707804E-01	2.155146E-03	1.140235E-02	0.0	0.0	0.0
9331	1.270444E-01	1.590462E-03	4.812634E-03	0.0	0.0	0.0
9333	1.260813E-01	1.490969E-03	1.250360E-03	0.0	0.0	0.0
9337	1.211472E-01	1.955650E-04	6.277467E-03	0.0	0.0	0.0
9339	1.183540E-01	1.027442E-04	5.657351E-03	0.0	0.0	0.0
9341	0.0	-5.315773E-03	3.731967E-02	0.0	0.0	0.0
9343	1.1e0167E-01	-5.779147E-03	3.292401E-03	0.0	0.0	0.0
9347	1.183673E-01	-6.415702E-03	6.564154E-03	0.0	0.0	0.0
9349	0.0	-6.208248E-03	3.558640E-02	0.0	0.0	0.0
9361	1.175913E-01	-7.137164E-03	5.768687E-03	0.0	0.0	0.0
9363	1.145950E-01	-7.057249E-03	4.557345E-03	0.0	0.0	0.0
9367	1.140866E-01	-6.516170E-03	9.151579E-03	0.0	0.0	0.0
9369	1.072206E-01	-6.871115E-03	7.653194E-03	0.0	0.0	0.0
9371	1.103784E-01	-7.601760E-03	7.489306E-03	0.0	0.0	0.0
9373	0.0	-7.405236E-03	3.411476E-02	0.0	0.0	0.0
9377	0.0	-7.238765E-03	3.663362E-02	0.0	0.0	0.0
9379	1.118155E-01	-7.200290E-03	6.324764E-03	0.0	0.0	0.0
9390	1.582670E-01	-1.100259E-03	4.925469E-02	0.0	0.0	0.0
9393	1.517325E-01	7.794175E-03	0.0	0.0	0.0	0.0
9397	1.558278E-01	7.794175E-03	0.0	0.0	0.0	0.0
9403	1.217518E-01	-3.359077E-03	0.0	0.0	0.0	0.0
9411	1.194165E-01	-3.152318E-03	1.247391E-03	0.0	0.0	0.0
9413	1.145882E-01	-3.749515E-03	-7.033509E-03	0.0	0.0	0.0
9415	1.154041E-01	-3.852712E-03	0.0	0.0	0.0	0.0
9419	1.144935E-01	-9.926405E-03	1.111342E-03	0.0	0.0	0.0
9427	1.149437E-01	-9.926405E-03	7.058937E-03	0.0	0.0	0.0
9433	1.096406E-01	-2.169478E-02	1.553000E-02	0.0	0.0	0.0
9437	1.109415E-01	-2.181967E-02	9.997456E-04	0.0	0.0	0.0
9447	1.160492E-01	-2.623056E-02	7.062510E-03	0.0	0.0	0.0
9457	1.073047E-01	-2.616519E-02	1.246049E-02	0.0	0.0	0.0
9459	1.061704E-01	0.0	-4.836462E-03	0.0	0.0	0.0
9479	1.085748E-01	0.0	-3.340876E-02	0.0	0.0	0.0
9480	1.659114E-01	1.121414E-02	5.194579E-02	0.0	0.0	0.0
9483	1.059323E-01	-4.710637E-02	-2.875566E-04	0.0	0.0	0.0
9487	1.320791E-01	1.266155E-02	7.884126E-03	0.0	0.0	0.0
9493	1.369920E-01	1.387938E-02	1.391564E-03	0.0	0.0	0.0
9497	1.394275E-01	1.324025E-02	-1.841544E-02	0.0	0.0	0.0
9509	1.360230E-01	1.237473E-02	-2.622760E-02	0.0	0.0	0.0
9523	1.228419E-01	4.217263E-03	1.018869E-02	0.0	0.0	0.0
9529	1.244273E-01	4.388618E-03	1.873570E-03	0.0	0.0	0.0
9537	1.260499E-01	4.391123E-03	-1.814736E-02	0.0	0.0	0.0
9539	1.275903E-01	4.985700E-03	-2.600327E-02	0.0	0.0	0.0
9541	1.181151E-01	-6.102234E-03	1.168894E-02	0.0	0.0	0.0
9543	1.153189E-01	-6.030444E-03	2.815402E-03	0.0	0.0	0.0
9547	1.142064E-01	-6.079100E-03	1.726658E-02	0.0	0.0	0.0
9549	1.142063E-01	-6.077711E-03	-2.595458E-02	0.0	0.0	0.0
9551	0.0	-1.444626E-02	1.460698E-02	0.0	0.0	0.0
9553	1.084792E-01	-1.448519E-02	3.110376E-03	0.0	0.0	0.0
9557	1.085184E-01	-1.461999E-02	-1.710390E-02	0.0	0.0	0.0
9559	1.082217E-01	-1.952785E-02	-1.879233E-02	0.0	0.0	0.0
9561	0.0	-1.924363E-02	-6.353247E-02	0.0	0.0	0.0
9563	9.576046E-02	-2.586359E-02	1.576968E-02	0.0	0.0	0.0
9567	9.935766E-02	-2.580674E-02	3.221431E-03	0.0	0.0	0.0
9569	1.058583E-01	-2.898102E-02	-1.933184E-02	0.0	0.0	0.0
9571	1.069411E-01	-2.887759E-02	-2.414414E-02	0.0	0.0	0.0
9573	9.521949E-02	0.0	1.699725E-02	0.0	0.0	0.0
9575	9.438765E-02	0.0	-6.084761E-02	0.0	0.0	0.0
9577	1.320791E-01	1.245854E-02	1.777423E-02	0.0	0.0	0.0
9579	1.317644E-01	1.360305E-02	1.166678E-02	0.0	0.0	0.0
9583	1.341125E-01	1.527227E-02	-8.298638E-03	0.0	0.0	0.0
9587	1.360230E-01	1.524811E-02	-1.429488E-02	0.0	0.0	0.0
9589	1.225939E-01	4.169641E-03	1.666361E-02	0.0	0.0	0.0
9593	1.242943E-01	4.115045E-03	1.449678E-02	0.0	0.0	0.0
9597	1.261129E-01	6.220941E-03	-8.298638E-03	0.0	0.0	0.0
9599	1.273220E-01	6.061152E-03	-1.639897E-02	0.0	0.0	0.0



14831	1.175919E-01	-6.467749E-03	1.948351E-02	0.0	0.0	0.0
14832	1.149719E-01	-6.301226E-03	1.132132E-02	0.0	0.0	0.0
14833	1.143126E-01	-5.264796E-03	-3.970359E-03	0.0	0.0	0.0
14834	1.143338E-01	-5.958858E-03	-1.735396E-02	0.0	0.0	0.0
14835	1.066135E-01	-1.637248E-02	-1.811932E-02	0.0	0.0	0.0
14836	1.075875E-01	-1.618369E-02	-9.260181E-03	0.0	0.0	0.0
14837	0.0	-1.521537E-02	1.702496E-02	0.0	0.0	0.0
14838	8.924329E-02	-1.505934E-02	1.871136E-02	0.0	0.0	0.0
14839	-2.383556E-02	-2.480176E-02	1.115737E-02	0.0	0.0	0.0
14840	9.334010E-02	-2.198330E-02	8.817746E-03	0.0	0.0	0.0
14841	9.548474E-02	-2.198330E-02	8.817746E-03	0.0	0.0	0.0
14842	1.029404E-01	-2.266028E-02	1.714660E-02	0.0	0.0	0.0
14843	8.997053E-02	-3.157613E-02	1.890403E-02	0.0	0.0	0.0
14844	9.456489E-02	-3.310981E-02	1.084964E-02	0.0	0.0	0.0
14845	1.058708E-01	-3.570345E-02	1.118624E-02	0.0	0.0	0.0
14846	1.027224E-01	-3.543030E-02	1.186425E-02	0.0	0.0	0.0
14847	1.279680E-01	1.109159E-02	1.841133E-02	0.0	0.0	0.0
14848	1.314762E-01	1.228834E-02	8.307517E-03	0.0	0.0	0.0
14849	1.224932E-01	1.333083E-02	2.288139E-02	0.0	0.0	0.0
14850	1.317666E-01	1.569979E-02	1.808608E-02	0.0	0.0	0.0
14851	1.341125E-01	1.604596E-02	1.244213E-03	0.0	0.0	0.0
14852	1.274579E-01	1.427312E-02	1.362765E-02	0.0	0.0	0.0
14853	1.221182E-01	8.581705E-03	2.392716E-02	0.0	0.0	0.0
14854	1.238094E-01	6.411836E-03	1.981526E-02	0.0	0.0	0.0
14855	1.252486E-01	6.691322E-03	8.397311E-03	0.0	0.0	0.0
14856	1.262763E-01	6.994627E-03	-2.929154E-03	0.0	0.0	0.0
14857	1.272594E-01	6.815430E-03	-1.200155E-02	0.0	0.0	0.0
14858	1.048826E-01	0.0	-1.794301E-02	0.0	0.0	0.0
14859	1.130953E-01	-2.581076E-02	-4.434150E-03	0.0	0.0	0.0
14860	8.803105E-02	-2.579924E-02	-1.962743E-02	0.0	0.0	0.0
14861	8.851117E-02	-2.579924E-02	0.0	0.0	0.0	0.0
14862	9.444716E-02	-2.630756E-02	0.0	0.0	0.0	0.0
14863	9.800766E-02	-2.769515E-02	0.0	0.0	0.0	0.0
14864	1.014313E-01	-5.747471E-02	-1.276115E-02	0.0	0.0	0.0
14865	1.564928E-01	-9.924076E-03	-1.145555E-02	0.0	0.0	0.0
14866	1.119344E-01	2.123693E-02	-1.816035E-03	0.0	0.0	0.0
14867	1.154878E-01	2.295338E-02	-7.396323E-03	0.0	0.0	0.0
14868	1.227158E-01	2.238325E-02	-2.226593E-02	0.0	0.0	0.0
14869	1.213576E-01	2.311960E-02	-2.492353E-02	0.0	0.0	0.0
14870	1.149924E-01	1.524164E-02	-1.276333E-04	0.0	0.0	0.0
14871	1.156456E-01	1.378374E-02	-7.265459E-03	0.0	0.0	0.0
14872	1.232643E-01	1.233613E-02	-1.538796E-02	0.0	0.0	0.0
14873	1.201333E-01	1.007815E-02	-2.265724E-02	0.0	0.0	0.0
14874	1.191766E-01	8.446477E-03	-3.132325E-02	0.0	0.0	0.0
14875	9.643342E-02	4.086994E-03	2.845431E-03	0.0	0.0	0.0
14876	0.0	3.593999E-03	-8.811340E-03	0.0	0.0	0.0
14877	0.0	1.560021E-03	-1.704678E-02	0.0	0.0	0.0
14878	1.032709E-01	-7.150171E-03	-2.153333E-02	0.0	0.0	0.0
14879	3.878492E-02	-7.738456E-03	-2.046305E-02	0.0	0.0	0.0
14880	1.168623E-01	-4.363795E-03	3.646710E-03	0.0	0.0	0.0
14881	2.486071E-01	-8.904997E-03	-1.865317E-03	0.0	0.0	0.0
14882	4.207661E-01	-6.367009E-03	-7.749362E-03	0.0	0.0	0.0
14883	4.676138E-01	-4.196286E-03	-1.813141E-02	0.0	0.0	0.0
14884	4.173595E-01	-4.936631E-04	-1.985131E-02	0.0	0.0	0.0
14885	2.450508E-01	-4.631845E-03	-2.039621E-02	0.0	0.0	0.0
14886	1.193867E-01	-2.471610E-03	-1.507525E-02	0.0	0.0	0.0
14887	4.445384E-02	-1.644844E-02	-4.921793E-03	0.0	0.0	0.0
14888	4.057236E-02	-1.565033E-02	3.868451E-03	0.0	0.0	0.0
14889	1.191514E-01	7.709134E-03	-1.627363E-02	0.0	0.0	0.0
14890	1.259666E-02	0.341065E-03	-1.330471E-02	0.0	0.0	0.0
14891	5.092588E-02	-2.687625E-02	1.930133E-03	0.0	0.0	0.0
14892	4.78642E-02	-2.830605E-02	4.881444E-03	0.0	0.0	0.0
14893	1.136343E-01	-2.755593E-02	7.675157E-04	0.0	0.0	0.0
14894	1.284525E-01	2.127317E-02	-1.425369E-02	0.0	0.0	0.0
14895	0.523301E-02	2.127317E-02	-1.040791E-02	0.0	0.0	0.0
14896	0.0	0.0	-4.911449E-03	0.0	0.0	0.0
14897	0.0	0.0	6.839111E-04	0.0	0.0	0.0
14898	0.0	0.0	7.533694E-04	0.0	0.0	0.0
14899	0.0	0.0	8.226365E-04	0.0	0.0	0.0
14900	0.0	0.0	0.0	0.0	0.0	0.0
14901	0.0	0.0	0.0	0.0	0.0	0.0
14902	0.0	0.0	0.0	0.0	0.0	0.0
14903	0.0	0.0	0.0	0.0	0.0	0.0
14904	0.0	0.0	0.0	0.0	0.0	0.0
14905	0.0	0.0	0.0	0.0	0.0	0.0
14906	0.0	0.0	0.0	0.0	0.0	0.0
14907	0.0	0.0	0.0	0.0	0.0	0.0
14908	0.0	0.0	0.0	0.0	0.0	0.0
14909	0.0	0.0	0.0	0.0	0.0	0.0
14910	0.0	0.0	0.0	0.0	0.0	0.0
14911	0.0	0.0	0.0	0.0	0.0	0.0
14912	0.0	0.0	0.0	0.0	0.0	0.0
14913	0.0	0.0	0.0	0.0	0.0	0.0
14914	0.0	0.0	0.0	0.0	0.0	0.0
14915	0.0	0.0	0.0	0.0	0.0	0.0
14916	0.0	0.0	0.0	0.0	0.0	0.0
14917	0.0	0.0	0.0	0.0	0.0	0.0
14918	0.0	0.0	0.0	0.0	0.0	0.0
14919	0.0	0.0	0.0	0.0	0.0	0.0
14920	0.0	0.0	0.0	0.0	0.0	0.0
14921	0.0	0.0	0.0	0.0	0.0	0.0
14922	0.0	0.0	0.0	0.0	0.0	0.0
14923	0.0	0.0	0.0	0.0	0.0	0.0
14924	0.0	0.0	0.0	0.0	0.0	0.0
14925	0.0	0.0	0.0	0.0	0.0	0.0
14926	0.0	0.0	0.0	0.0	0.0	0.0
14927	0.0	0.0	0.0	0.0	0.0	0.0
14928	0.0	0.0	0.0	0.0	0.0	0.0
14929	0.0	0.0	0.0	0.0	0.0	0.0
14930	0.0	0.0	0.0	0.0	0.0	0.0
14931	0.0	0.0	0.0	0.0	0.0	0.0
14932	0.0	0.0	0.0	0.0	0.0	0.0
14933	0.0	0.0	0.0	0.0	0.0	0.0
14934	0.0	0.0	0.0	0.0	0.0	0.0
14935	0.0	0.0	0.0	0.0	0.0	0.0
14936	0.0	0.0	0.0	0.0	0.0	0.0
14937	0.0	0.0	0.0	0.0	0.0	0.0
14938	0.0	0.0	0.0	0.0	0.0	0.0
14939	0.0	0.0	0.0	0.0	0.0	0.0
14940	0.0	0.0	0.0	0.0	0.0	0.0
14941	0.0	0.0	0.0	0.0	0.0	0.0
14942	0.0	0.0	0.0	0.0	0.0	0.0
14943	0.0	0.0	0.0	0.0	0.0	0.0
14944	0.0	0.0	0.0	0.0	0.0	0.0
14945	0.0	0.0	0.0	0.0	0.0	0.0
14946	0.0	0.0	0.0	0.0	0.0	0.0
14947	0.0	0.0	0.0	0.0	0.0	0.0
14948	0.0	0.0	0.0	0.0	0.0	0.0
14949	0.0	0.0	0.0	0.0	0.0	0.0
14950	0.0	0.0	0.0	0.0	0.0	0.0
14951	0.0	0.0	0.0	0.0	0.0	0.0
14952	0.0	0.0	0.0	0.0	0.0	0.0
14953	0.0	0.0	0.0	0.0	0.0	0.0
14954	0.0	0.0	0.0	0.0	0.0	0.0
14955	0.0	0.0	0.0	0.0	0.0	0.0
14956	0.0	0.0	0.0	0.0	0.0	0.0
14957	0.0	0.0	0.0	0.0	0.0	0.0
14958	0.0	0.0	0.0	0.0	0.0	0.0
14959	0.0	0.0	0.0	0.0	0.0	0.0

18661	5.543418E-02	-3.354128E-02	3.265393E-03	4.717988E-03	-1.418012E-03	3.372182E-02
18662	1.151523E-01	-3.151436E-02	1.735354E-04	4.933899E-04	-6.233748E-03	2.945535E-02
18663	2.176529E-01	-2.274928E-02	-2.246026E-03	-8.493969E-04	-1.097630E-02	2.733640E-02
18664	3.555536E-01	-1.629845E-02	-1.582352E-02	0.0	0.0	1.452216E-02
18665	3.993491E-01	-4.774723E-03	-1.582352E-02	0.0	0.0	6.008169E-04
18666	3.644418E-01	6.982908E-03	-1.753370E-02	0.0	0.0	-1.333335E-02
18667	2.343546E-01	2.025676E-02	-1.379515E-02	1.893015E-03	-1.160604E-02	-2.614356E-02
18668	1.377560E-01	2.344733E-02	-1.539644E-02	1.997588E-04	-6.366789E-03	-2.840986E-02
18669	7.602262E-02	2.577772E-02	-1.146467E-02	-4.965290E-03	-1.113069E-03	-3.316788E-02
18670	6.570713E-02	-2.193021E-02	3.644726E-04	0.0	0.0	0.0
18683	8.540303E-02	-2.047958E-02	-1.070231E-03	-6.490969E-04	-1.086984E-02	-2.677266E-04
18685	8.842872E-02	-1.215203E-02	-6.273346E-03	0.0	0.0	0.0
18687	9.202927E-02	-2.402635E-03	-1.208449E-02	1.893015E-03	-1.155753E-02	2.677266E-04
18689	9.837294E-02	-1.191533E-03	-1.574973E-02	0.0	0.0	0.0
18693	8.385015E-02	-2.059075E-02	-2.178737E-02	0.0	0.0	0.0
18697	1.307847E-02	-2.842570E-03	-1.810755E-02	0.0	0.0	0.0
18701	1.687001E-02	5.07431E-03	-6.299244E-02	4.891476E-03	-3.264158E-03	1.696605E-02
18742	1.406701E-01	4.493430E-03	-9.667186E-01	4.182349E-03	-3.50547E-03	1.535604E-02
18743	1.704465E-01	2.551123E-03	-1.071766E-01	0.0	-5.207054E-03	1.209663E-02
18745	2.196554E-01	-6.944284E-03	-1.281183E-01	0.0	0.0	3.475107E-04
18747	1.762329E-01	-1.695846E-02	-1.171035E-01	0.0	-4.596028E-03	-1.129503E-02
18748	3.148264E-01	-1.923141E-02	-1.097730E-01	-2.663905E-03	-1.734165E-03	-1.448836E-02
18749	3.148264E-01	-1.923141E-02	-1.097730E-01	-2.663905E-03	-1.734165E-03	-1.448836E-02
18751	3.668099E-02	-1.139351E-02	-6.350637E-02	4.74137E-03	2.660031E-03	1.067570E-02
18752	1.131636E-01	-1.233609E-02	-9.641355E-02	3.759506E-03	4.217923E-03	9.677742E-03
18758	1.259813E-01	-9.453792E-03	-1.093533E-01	-2.204434E-03	-3.674940E-03	-6.622937E-03
18759	5.674533E-02	-3.140972E-03	-8.586591E-02	-4.371665E-03	3.577529E-03	-9.59370E-03
18761	4.507123E-02	-2.231790E-02	-6.50881E-02	4.013166E-03	2.538574E-03	7.80366E-03
18762	1.022374E-01	-1.995847E-02	-9.629766E-02	4.95887E-03	-4.505422E-03	7.584784E-03
18763	1.171637E-01	-1.864242E-02	-1.059747E-01	0.0	-5.279299E-03	6.164718E-03
18765	1.475564E-01	-1.127115E-02	-1.327332E-01	0.0	0.0	7.617138E-04
18767	1.285806E-01	-3.476652E-03	-1.159767E-01	0.0	-4.746206E-03	-4.887473E-03
18768	1.162651E-01	-1.683524E-03	-1.071944E-01	-3.162427E-03	-4.032671E-03	-6.460859E-03
18769	6.53638E-02	1.377521E-03	-5.59191E-02	-2.577440E-03	3.536906E-03	-6.736659E-03
21183	7.970917E-02	-3.860762E-02	-6.229257E-02	0.0	5.289041E-03	-1.460820E-03
21187	8.507651E-02	-3.770839E-02	-9.669181E-02	0.0	0.0	0.0
21321	9.179169E-02	-3.262107E-02	-4.470525E-02	0.0	0.0	0.0
21323	1.030508E-01	-3.189554E-02	-5.797239E-02	0.0	0.0	0.0
21325	1.117147E-01	-3.018373E-02	-7.291776E-02	0.0	0.0	0.0
21327	1.179864E-01	-2.861995E-02	-8.698088E-02	0.0	0.0	0.0
21329	1.241989E-01	-2.346073E-02	-9.756440E-02	0.0	0.0	0.0
21341	3.342684E-02	2.554118E-02	-5.612348E-02	6.855184E-04	-4.571720E-04	3.166580E-02
21343	2.027434E-01	1.659166E-02	-7.004544E-02	0.0	-5.170244E-04	2.888500E-02
21345	3.899795E-01	-1.368397E-02	-9.217239E-02	0.0	-1.594528E-03	1.792969E-03
21347	2.331046E-01	-4.476469E-02	-1.032701E-01	0.0	-2.672031E-03	-2.846733E-02
21349	6.382275E-02	-5.429806E-02	-1.031324E-01	1.363983E-03	-2.731883E-03	-3.212520E-02
21361	3.027246E-02	-2.072084E-02	-5.550515E-02	0.0	0.0	0.0
21363	3.126487E-02	-2.185240E-02	-7.279742E-02	1.900108E-03	3.790564E-03	0.0
21364	3.192714E-02	-2.424900E-02	-8.609778E-02	0.0	0.0	0.0
21366	4.076325E-02	-2.945011E-02	-1.015282E-01	0.0	0.0	0.0
21367	4.967171E-02	-3.186105E-02	-1.063386E-01	6.326440E-04	2.683962E-03	0.0
21369	5.789119E-02	-3.313721E-02	-1.036174E-01	0.0	0.0	0.0
21383	7.976019E-02	-4.193641E-02	-7.271731E-02	9.930539E-04	3.992930E-03	-1.526448E-03
21387	8.518324E-02	-4.305639E-02	-1.061358E-01	1.406991E-03	3.107390E-03	-2.423767E-03
21485	0.0	-4.476699E-02	-8.260876E-02	1.510495E-03	0.0	0.0
21801	1.103148E-01	4.669388E-02	-3.649638E-02	0.0	0.0	0.0
21803	1.195776E-01	4.940718E-02	-4.294537E-02	0.0	0.0	0.0
21807	1.301414E-01	4.874659E-02	-6.788049E-02	0.0	0.0	0.0
21809	1.335828E-01	4.655162E-02	-7.613301E-02	0.0	0.0	0.0
21821	9.264153E-02	3.882407E-02	-3.549231E-02	0.0	0.0	0.0
21823	1.017601E-01	3.776382E-02	-4.133545E-02	0.0	0.0	0.0
21825	1.119466E-01	3.667611E-02	-5.586244E-02	0.0	0.0	0.0
21827	1.172511E-01	3.565275E-02	-6.932062E-02	0.0	0.0	0.0
21829	1.233752E-01	3.454141E-02	-8.321953E-02	0.0	0.0	0.0
22312	1.012707E-01	4.903137E-02	-2.805994E-02	0.0	0.0	0.0
22318	1.298106E-01	4.491456E-02	-6.653273E-02	0.0	0.0	0.0



61912	9.3.7754E-03	4.192174E-02	1.182143E-02	5.334981E-03	2.459554E-03	3.516508E-02
61913	9.10234E-03	1.170561E-02	1.192143E-02	5.334981E-03	2.459554E-03	1.705168E-03
61914	3.228083E-03	1.169100E-02	1.182143E-02	5.334981E-03	2.459554E-03	3.336468E-02
61915	1.372219E-02	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	4.090079E-02
61916	1.406484E-02	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	1.458112E-02
61917	1.406484E-02	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	3.955630E-02
61918	2.381954E-02	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	4.331604E-03
61919	2.076279E-02	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	1.094601E-02
61920	1.796919E-02	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	1.200779E-02
61921	4.272413E-03	2.214294E-03	5.471681E-02	6.318416E-03	6.227095E-03	1.769198E-02
61922	8.506838E-03	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	2.180942E-02
61923	1.817781E-02	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	1.302530E-02
61924	1.768956E-02	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	3.227440E-02
61925	1.737406E-02	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	2.445928E-02
61926	4.271073E-02	1.170561E-02	1.214905E-02	6.264716E-03	1.263661E-04	0.0
61927	9.220831E-03	3.939375E-03	5.560432E-02	1.623100E-02	3.438956E-03	1.198156E-03
61928	5.302406E-02	7.900752E-03	5.560432E-02	1.623100E-02	3.438956E-03	0.0
61929	7.098901E-02	2.110666E-02	4.012943E-02	2.929299E-03	6.253703E-02	3.445278E-03
61930	5.833145E-03	6.906670E-03	1.471048E-02	8.958406E-04	1.542957E-02	1.083958E-02
61931	1.728646E-02	1.471048E-02	1.471048E-02	8.958406E-04	1.542957E-02	1.897253E-02
61932	6.433255E-02	2.760433E-02	1.529638E-02	1.529638E-02	1.529638E-02	1.741067E-02
61933	8.652407E-02	8.403355E-02	1.529638E-02	1.529638E-02	1.529638E-02	1.034580E-02
61934	6.466801E-02	8.403355E-02	1.529638E-02	1.529638E-02	1.529638E-02	2.156792E-02
61935	8.060506E-02	8.403355E-02	1.529638E-02	1.529638E-02	1.529638E-02	0.0
61936	1.453724E-02	8.403355E-02	1.529638E-02	1.529638E-02	1.529638E-02	0.0
61937	1.044822E-01	9.634126E-03	1.078917E-01	0.0	0.0	0.0
61938	1.728513E-03	1.772244E-02	2.211066E-02	0.0	0.0	0.0
61939	1.350214E-01	3.214843E-02	2.211066E-02	0.0	0.0	0.0
61940	1.108842E-01	9.611225E-02	2.211066E-02	0.0	0.0	0.0
61941	1.406547E-01	7.576334E-02	2.211066E-02	0.0	0.0	0.0
61942	8.966263E-03	9.500057E-02	1.721385E-01	0.0	0.0	0.0
61943	1.415163E-01	4.271511E-03	1.721385E-01	0.0	0.0	0.0
61944	2.536710E-02	1.531780E-02	1.721385E-01	0.0	0.0	0.0
61945	1.820776E-01	3.821516E-02	1.721385E-01	0.0	0.0	0.0
61946	1.500568E-01	1.091833E-01	1.721385E-01	0.0	0.0	0.0
61947	1.904824E-01	9.908360E-02	1.721385E-01	0.0	0.0	0.0
61948	5.555682E-01	1.109751E-01	1.721385E-01	0.0	0.0	0.0
61949	2.001974E-01	1.079025E-04	1.721385E-01	0.0	0.0	0.0
61950	6.971172E-02	9.634364E-03	1.721385E-01	0.0	0.0	0.0
61951	2.603242E-01	4.783013E-02	1.721385E-01	0.0	0.0	0.0
61952	1.463606E-01	1.290412E-01	1.721385E-01	0.0	0.0	0.0
61953	2.709029E-01	1.234698E-01	1.721385E-01	0.0	0.0	0.0
61954	2.690046E-02	1.217245E-01	1.721385E-01	0.0	0.0	0.0
61955	2.615208E-01	3.133973E-03	1.721385E-01	0.0	0.0	0.0
61956	5.416438E-02	1.199181E-04	1.721385E-01	0.0	0.0	0.0
61957	3.460738E-01	5.745728E-02	1.721385E-01	0.0	0.0	0.0
61958	2.860444E-01	1.456750E-01	1.721385E-01	0.0	0.0	0.0
61959	3.605024E-01	1.414025E-01	1.721385E-01	0.0	0.0	0.0
61960	4.161939E-02	1.212581E-01	1.721385E-01	0.0	0.0	0.0
61961	1.908122E-01	1.286011E-02	1.721385E-01	0.0	0.0	0.0
61962	1.562347E-01	1.663152E-02	1.721385E-01	0.0	0.0	0.0
61963	4.198247E-01	7.063413E-02	1.721385E-01	0.0	0.0	0.0
61964	3.455938E-01	1.556435E-01	1.721385E-01	0.0	0.0	0.0
61965	4.530119E-01	1.522032E-01	1.721385E-01	0.0	0.0	0.0
61966	3.010384E-02	3.802560E-02	1.721385E-01	0.0	0.0	0.0
61967	2.605795E-02	3.054568E-02	1.721385E-01	0.0	0.0	0.0
61968	2.230755E-01	2.360819E-02	1.721385E-01	0.0	0.0	0.0
61969	8.135424E-04	8.523650E-03	1.721385E-01	0.0	0.0	0.0
61970	3.105954E-03	1.677701E-03	1.721385E-01	0.0	0.0	0.0
61971	5.828902E-03	6.453991E-03	1.721385E-01	0.0	0.0	0.0
61972	4.571505E-02	4.651152E-02	1.721385E-01	0.0	0.0	0.0
61973	4.181975E-02	3.162713E-04	1.721385E-01	0.0	0.0	0.0
61974	3.823430E-02	4.88561E-03	1.721385E-01	0.0	0.0	0.0
61975	1.254943E-02	2.029390E-02	1.721385E-01	0.0	0.0	0.0
61976	7.809971E-03	2.529301E-02	1.721385E-01	0.0	0.0	0.0
61977						
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71928	7-007807E-04	-3.279169E-02	7.641177E-02	-7.351637E-03	6.469783E-03	-2.347644E-02
71934	9.760948E-03	-7.164405E-02	-1.114911E-01	3.787721E-03	-2.738611E-03	-1.570018E-02
71935	-6.925976E-02	-6.925976E-02	-1.114911E-01	3.787721E-03	-2.738611E-03	-1.570018E-02
71936	1.343677E-02	-6.600825E-02	-1.114911E-01	3.787721E-03	-2.738611E-03	-1.570018E-02
72211	4.878056E-02	8.504437E-02	3.777191E-02	0.0	0.0	0.0
72213	9.115911E-02	4.296597E-02	3.789432E-02	1.707713E-02	3.182755E-04	2.384718E-03
72217	-4.202425E-02	-7.478684E-03	4.884940E-02	-1.959968E-02	-2.407551E-03	-1.164690E-02
72219	-5.912594E-02	-7.442274E-02	4.884940E-02	0.0	0.0	0.0
72221	2.857740E-02	1.213310E-02	5.994111E-02	-6.437756E-03	-5.332155E-03	-3.597670E-03
72224	2.656694E-03	-7.246283E-02	5.994111E-02	-9.505888E-03	-2.347084E-02	-1.096679E-02
72226	-5.346694E-02	-3.667300E-02	5.994111E-02	-2.336367E-03	-1.567651E-02	-2.026287E-02
72227	-7.612062E-02	-5.077211E-02	5.994111E-02	-1.383787E-02	-4.279754E-02	-1.875236E-02
72231	-4.966790E-02	-1.135896E-01	1.938497E-01	4.058010E-02	-1.747672E-02	-1.196128E-02
72233	-7.607257E-02	-7.770729E-02	1.918269E-01	3.599227E-02	3.456276E-03	-2.716003E-02
72811	4.231243E-02	9.331646E-02	1.202779E-01	0.0	0.0	0.0
72819	-9.422654E-02	-2.522454E-02	1.127591E-01	0.0	0.0	0.0
72821	1.135796E-02	9.513405E-03	3.141214E-02	0.0	0.0	0.0
72829	-1.281888E-01	-5.624063E-02	3.223117E-02	0.0	0.0	0.0
72831	-1.011018E-01	-1.257085E-01	-2.687114E-01	0.0	0.0	0.0
72839	-1.345013E-01	-1.083516E-01	-2.689234E-01	0.0	0.0	0.0
73411	3.048135E-02	9.316481E-02	1.930525E-01	0.0	0.0	0.0
73419	-1.366145E-01	-2.082650E-02	1.898403E-01	0.0	0.0	0.0
73421	-6.955277E-03	-7.957894E-03	1.898403E-01	0.0	0.0	0.0
73429	-1.793324E-01	-6.336224E-02	5.728763E-03	0.0	0.0	0.0
73431	-1.439444E-01	-1.386950E-01	-3.055919E-01	0.0	0.0	0.0
73439	-1.885449E-01	-1.321588E-01	-3.057444E-01	0.0	0.0	0.0
74211	1.377089E-02	1.179073E-01	3.121213E-01	0.0	0.0	0.0
74219	-1.977370E-01	-1.694375E-02	3.105634E-01	0.0	0.0	0.0
74221	-4.193545E-02	3.631165E-03	3.521351E-02	0.0	0.0	0.0
74229	-2.634193E-01	-7.405967E-02	4.544943E-02	-1.042444E-02	2.386712E-02	-5.993173E-03
74231	-2.135973E-01	-1.574287E-01	3.503427E-01	0.0	0.0	0.0
74239	-2.751399E-01	-1.567578E-01	3.503427E-01	0.0	0.0	0.0
75011	-4.716993E-03	1.130218E-01	4.562535E-01	0.0	0.0	0.0
75019	-2.620198E-01	-1.302976E-02	4.562535E-01	0.0	0.0	0.0
75021	-8.711306E-02	-4.575126E-03	7.339490E-02	0.0	0.0	0.0
75029	-3.549443E-01	-8.412075E-02	7.369477E-02	0.0	0.0	0.0
75031	-2.997294E-01	-1.731944E-01	3.939703E-01	0.0	0.0	0.0
75039	-1.701169E-01	-1.741911E-01	3.940392E-01	0.0	0.0	0.0
75911	-2.301088E-02	-1.748105E-01	8.243725E-01	0.0	0.0	0.0
75919	-1.225314E-01	-1.253309E-05	8.243725E-01	0.0	0.0	0.0
75921	-1.484433E-01	-1.957160E-02	9.886694E-02	0.0	0.0	0.0
75929	-4.500261E-01	-9.605135E-02	9.199514E-02	-1.405100E-02	6.197430E-02	-1.107769E-02
75931	-3.703460E-01	-1.811814E-01	4.307739E-01	0.0	0.0	0.0
75939	-4.672400E-01	-1.433443E-01	4.312091E-01	0.0	0.0	0.0
12400	-1.094514E-01	-2.823084E-03	1.388102E-01	1.480010E-03	-5.723111E-03	-4.426553E-04
12347	-8.339542E-02	-1.9460591E-03	-4.967471E-02	0.0	0.0	0.0
12480	-8.933139E-02	-1.9460591E-03	-4.967471E-02	0.0	0.0	0.0
124800	-1.094519E-01	-1.640509E-02	-2.027941E-03	1.480010E-03	-5.723111E-03	-4.426553E-04
125063	2.325967E-02	8.698482E-03	3.716745E-02	0.0	0.0	0.0
125065	3.382769E-02	8.698482E-03	2.083548E-03	0.0	0.0	0.0
125067	4.340243E-02	7.878177E-03	2.083548E-03	0.0	0.0	0.0
12507	-7.242483E-02	-1.053192E-02	1.589743E-02	0.0	0.0	0.0
125383	-8.281511E-02	-1.053192E-02	4.581534E-02	0.0	0.0	0.0
126863	2.914469E-02	2.513421E-02	1.004609E-01	0.0	0.0	0.0
126867	4.040367E-02	2.423755E-02	6.326813E-02	0.0	0.0	0.0
127200	-1.094519E-01	-2.738789E-02	1.399052E-01	1.480010E-03	-5.723111E-03	-4.426553E-04
189071	2.952678E-02	-2.048781E-02	-2.304636E-01	-1.905806E-03	-9.583302E-03	-3.981602E-04
189077	1.967032E-02	-2.048781E-02	-1.833176E-01	-1.905806E-03	-9.583302E-03	-3.981602E-04
200070	9.714317E-02	-3.842027E-02	1.106919E-01	-1.905806E-03	-9.583302E-03	-3.981602E-04
200078	2.459974E-02	-2.459974E-02	1.106919E-01	-1.905806E-03	-9.583302E-03	-3.981602E-04
200079	1.034703E-02	-2.166800E-02	-1.109789E-01	-1.905806E-03	-9.583302E-03	-3.981602E-04
200086	-7.079810E-02	-6.297998E-03	-1.116721E-01	-2.083881E-03	-1.096471E-02	-3.981602E-04
200087	-6.059848E-02	-7.337289E-03	-1.116721E-01	-1.930481E-03	-1.000858E-02	-3.981602E-04
200095	-1.598936E-01	1.383450E-02	-1.125146E-01	-1.788820E-03	-9.174395E-03	-3.981602E-04
200096	-1.997678E-01	9.112414E-03	-1.125146E-01	-1.943069E-03	-1.022740E-02	-3.981602E-04
200101	-2.074633E-01	2.012479E-02	-1.133010E-01	-1.480487E-03	-7.597521E-03	-3.981602E-04

200106	G	-2.430563E-01	2.703461E-02	-1.140964E-01	-1.098135E-03	-5.587030E-03	-3.981602E-04
200114	G	-2.716454E-01	3.316775E-02	-1.156269E-01	-4.281208E-04	-1.472194E-03	-3.981602E-04
200121	G	-2.640641E-01	3.401516E-02	-1.169784E-01	1.911744E-04	2.561722E-03	-3.981602E-04
200129	G	-2.297372E-01	2.981108E-02	-1.185184E-01	9.307649E-04	6.824493E-03	-3.981602E-04
200137	G	-1.618458E-01	2.118340E-02	-1.185153E-01	1.296723E-03	9.951852E-03	-3.981602E-04
200145	G	-7.376099E-02	9.551451E-03	-1.185153E-01	1.579681E-03	1.185373E-02	-3.981602E-04
200153	G	-2.137290E-02	3.117366E-03	-1.185153E-01	1.670237E-03	1.246240E-02	-3.981602E-04
200155	G	-4.891470E-02	-6.866574E-03	-1.185153E-01	1.670237E-03	1.246240E-02	-3.981602E-04
211001	G	-1.403175E-01	1.693684E-01	7.567447E-02	-1.913300E-03	1.308271E-03	-4.474554E-03
211002	G	3.964011E-03	-8.273164E-02	7.566049E-02	-4.267808E-03	2.130166E-03	7.255592E-04
211073	G	2.924788E-02	-2.915974E-02	-2.196197E-02	-1.905806E-03	-9.583302E-03	-3.981602E-04
211077	G	1.967032E-02	-2.915974E-02	-2.520672E-02	-1.905806E-03	-9.583302E-03	-3.981602E-04
214075	G	2.459753E-02	-3.026663E-02	2.826396E-02	-1.905806E-03	-9.583302E-03	-3.981602E-04
214901	G	-1.403175E-01	1.293663E-02	2.409017E-02	-1.913300E-03	1.308271E-03	-4.474554E-03
215101	G	3.964011E-03	-5.412290E-02	-8.535723E-03	-4.267808E-03	2.130166E-03	7.255592E-04
215102	G	2.864660E-02	1.342802E-02	2.948549E-03	-5.298471E-04	8.190986E-03	-5.582046E-03
215201	G	8.234613E-02	9.333255E-03	1.915194E-02	-1.324109E-03	4.809510E-03	1.410276E-03
215202	G	1.314762E-01	1.224834E-02	-8.307517E-03	2.495928E-04	8.015271E-03	-2.377191E-03
222001	G	-1.279680E-01	1.109155E-02	1.841133E-02	8.008964E-04	6.134244E-03	-3.628129E-03
222002	G	-1.393178E-01	-1.692484E-01	1.469537E-01	-1.197103E-02	3.155579E-03	-4.934713E-04
222201	G	4.069921E-03	-3.532205E-02	-8.220645E-02	-4.721116E-03	1.461604E-03	-4.072979E-03
222202	G	3.868544E-02	2.788905E-02	9.096220E-03	-7.690471E-03	9.030011E-03	-4.072979E-03
222301	G	6.076674E-02	4.237604E-02	-6.307328E-02	-2.668702E-03	3.760430E-03	1.316461E-03
222302	G	1.298104E-01	4.891458E-02	-6.532734E-02	-1.014468E-03	8.339148E-03	-1.301498E-03
222303	G	1.072707E-01	4.903137E-02	-2.805980E-02	8.680811E-04	5.530626E-03	1.710696E-03
223401	G	-1.393126E-01	-2.220378E-01	1.010503E-01	-1.197103E-02	3.155579E-03	-4.934713E-04
223402	G	4.069921E-03	-2.814204E-02	-1.034732E-01	-4.721116E-03	1.461604E-03	-4.072979E-03
520018	G	7.070172E-02	3.865368E-02	-2.880206E-01	3.950016E-02	-1.307117E-04	5.776584E-02
520624	G	3.448723E-02	3.865368E-02	-2.435325E-01	3.949034E-02	-1.307117E-04	5.776584E-02
520937	G	-1.592885E-01	3.865368E-02	-1.332345E-01	4.133718E-02	-1.307117E-04	5.776584E-02
520945	G	-2.089867E-01	3.865368E-02	-1.083322E-01	4.266353E-02	-1.307117E-04	5.776584E-02
520968	G	-2.343366E-01	3.865368E-02	-8.492219E-02	4.335282E-02	-1.307117E-04	5.776584E-02
520135	G	-8.227957E-01	3.866143E-02	-3.704256E-02	4.526745E-02	-1.307117E-04	5.776584E-02
520139	G	-8.227957E-01	3.866143E-02	-3.704256E-02	4.526745E-02	-1.307117E-04	5.776584E-02
520152	G	-1.000000E-00	3.870938E-02	2.673349E-01	5.436740E-02	-1.307117E-04	1.026040E-01
520155	G	-1.341691E-00	3.870938E-02	3.388681E-01	5.472445E-02	-1.307117E-04	1.026040E-01
520155	G	-1.341691E-00	3.870938E-02	5.193439E-01	5.472445E-02	-1.307117E-04	1.026040E-01

AM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
BASIC MESSON WEIGHT CONFIGURATION - R933 LN GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
EIGENVALUE # 5.43075E-04

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	-4.86967E-02	-7.158126E-01	2.787403E-01	0.0	0.0	0.0
3339	G	5.54844E-02	-7.761409E-01	3.33232E-01	0.0	0.0	0.0
3341	G	1.02524E-01	-1.303000E-00	3.399405E-01	0.0	0.0	0.0
3349	G	-8.86846E-03	-9.46943E-01	3.714634E-01	0.0	0.0	0.0
4631	G	-1.150286E-01	-6.399834E-01	1.707497E-01	0.0	0.0	0.0
4633	G	-1.101127E-01	-6.688983E-01	1.912435E-01	0.0	0.0	0.0
4637	G	7.865867E-02	-6.668741E-01	3.492827E-01	0.0	0.0	0.0
4639	G	1.214632E-01	-6.389566E-01	3.692294E-01	0.0	0.0	0.0
4641	G	-6.66846E-02	-5.807482E-01	1.644733E-01	0.0	0.0	0.0
4649	G	1.536867E-01	-5.806708E-01	3.763678E-01	0.0	0.0	0.0
4661	G	9.458592E-02	-5.138649E-01	1.87846E-01	0.0	0.0	0.0
4669	G	1.303110E-01	-5.159838E-01	3.536612E-01	0.0	0.0	0.0
6123	G	-1.782348E-01	-5.62847E-01	3.75799E-03	0.0	0.0	0.0
6127	G	7.173437E-02	-5.669756E-01	3.202426E-01	0.0	0.0	0.0
6131	G	-1.561510E-01	-4.908060E-01	-8.181323E-02	0.0	0.0	0.0
6133	G	-1.113291E-01	-4.897168E-01	-6.55447E-03	0.0	0.0	0.0
6137	G	8.458781E-02	-4.898232E-01	3.228641E-01	0.0	0.0	0.0
6139	G	1.273898E-01	-4.905968E-01	3.608060E-01	0.0	0.0	0.0
6141	G	-1.083337E-01	-4.350268E-01	-4.148985E-02	0.0	0.0	0.0
6143	G	-5.393432E-02	-4.352544E-01	-1.429647E-02	0.0	0.0	0.0
6147	G	1.117920E-01	-4.291522E-01	3.300412E-01	0.0	0.0	0.0
6149	G	1.642306E-01	-4.291474E-01	3.600529E-01	0.0	0.0	0.0
6161	G	-6.449997E-02	-4.063972E-01	-4.288200E-02	0.0	0.0	0.0
6163	G	-1.187693E-02	-4.070891E-01	-1.692923E-02	0.0	0.0	0.0
6167	G	1.333217E-01	-3.481556E-01	3.327957E-01	0.0	0.0	0.0
6169	G	1.817151E-01	-3.478031E-01	3.593494E-01	0.0	0.0	0.0
6171	G	1.232858E-01	-4.485939E-01	7.769598E-02	0.0	0.0	0.0
6179	G	1.480391E-01	-4.444535E-01	3.480957E-01	0.0	0.0	0.0
7031	G	-1.594747E-01	-3.870140E-01	0.0	0.0	0.0	0.0
7033	G	-1.064779E-01	-3.872124E-01	-8.817714E-02	0.0	0.0	0.0
7037	G	8.195460E-02	-3.872124E-01	2.994534E-01	0.0	0.0	0.0
7039	G	1.347762E-01	-3.875636E-01	0.0	0.0	0.0	0.0
7043	G	-5.369058E-02	0.0	-8.931463E-02	0.0	0.0	0.0
7047	G	1.127419E-01	0.0	2.943628E-01	0.0	0.0	0.0
7061	G	-6.829342E-02	-3.124393E-01	-1.787404E-01	0.0	0.0	0.0
7063	G	-1.243294E-02	-3.124392E-01	-9.08741E-02	0.0	0.0	0.0
7067	G	1.422169E-01	-3.044200E-01	2.927636E-01	0.0	0.0	0.0
7069	G	1.855870E-01	-3.035635E-01	2.428693E-01	0.0	0.0	0.0
7071	G	-1.045082E-01	0.0	-1.449431E-01	0.0	0.0	0.0
7079	G	2.608486E-01	0.0	1.811778E-01	0.0	0.0	0.0
7505	G	-1.294089E-01	-6.335601E-01	6.885415E-02	-1.938155E-02	7.809814E-03	9.421628E-03
8300	G	1.980494E-01	-1.635726E-01	1.070706E-02	0.0	0.0	0.0
8531	G	-1.645173E-01	-2.481322E-01	0.0	0.0	0.0	0.0
8533	G	-1.064779E-01	-2.508817E-01	-2.011852E-01	0.0	0.0	0.0
8539	G	8.195460E-02	-2.508817E-01	1.864459E-01	0.0	0.0	0.0
8543	G	1.508299E-01	-2.478090E-01	0.0	0.0	0.0	0.0
8547	G	-5.350793E-02	0.0	-1.951702E-01	0.0	0.0	0.0
8561	G	1.128210E-01	-1.975428E-01	1.816754E-01	0.0	0.0	0.0
8563	G	-6.963426E-02	-1.987948E-01	-2.410566E-01	0.0	0.0	0.0
8567	G	-2.643398E-02	-1.987948E-01	-1.931917E-01	0.0	0.0	0.0
8569	G	1.536807E-01	-1.822222E-01	1.805725E-01	0.0	0.0	0.0
8571	G	-1.610118E-01	-1.822219E-01	1.519729E-01	0.0	0.0	0.0
8579	G	-1.205984E-01	0.0	-2.118022E-01	0.0	0.0	0.0
9303	G	-2.351561E-01	0.0	1.002947E-01	0.0	0.0	0.0
9307	G	-7.105422E-02	-1.583857E-01	-2.275122E-01	0.0	0.0	0.0
	G	-2.135444E-01	-1.561968E-01	7.430417E-02	0.0	0.0	0.0

9313	G	-2.319546E-01	-1.158949E-01	-2.294933E-01	0.0	0.0	0.0
9317	G	3.190450E-01	-1.049961E-01	1.688516E-02	0.0	0.0	0.0
9331	G	-1.630179E-01	-1.582239E-01	1.867647E-01	0.0	0.0	0.0
9333	G	-4.969615E-02	-1.571751E-01	-2.014995E-01	0.0	0.0	0.0
9337	G	7.736010E-02	-1.473204E-01	7.610438E-02	0.0	0.0	0.0
9339	G	1.592039E-01	-1.495018E-01	-2.250473E-01	0.0	0.0	0.0
9341	G	0.0	-1.666430E-01	-2.044870E-01	0.0	0.0	0.0
9343	G	-5.265485E-02	-1.695637E-01	5.953924E-02	0.0	0.0	0.0
9347	G	1.104679E-01	-1.777911E-01	1.242074E-01	0.0	0.0	0.0
9349	G	0.0	-1.752159E-01	-2.259777E-01	0.0	0.0	0.0
9361	G	-6.957743E-02	-1.171176E-01	-2.030595E-01	0.0	0.0	0.0
9363	G	-4.228725E-02	-1.162676E-01	4.700712E-02	0.0	0.0	0.0
9367	G	1.661853E-01	-1.230911E-01	9.767688E-02	0.0	0.0	0.0
9369	G	1.609510E-01	-1.235364E-01	-2.195132E-01	0.0	0.0	0.0
9371	G	-8.941495E-02	-7.238364E-02	-2.032905E-01	0.0	0.0	0.0
9373	G	0.0	-6.693393E-02	7.954705E-02	0.0	0.0	0.0
9377	G	0.0	-6.788552E-02	7.954705E-02	0.0	0.0	0.0
9379	G	1.990718E-01	-7.106403E-02	1.583840E-02	0.0	0.0	0.0
11400	G	-4.790591E-02	8.624212E-01	-6.090257E-01	0.0	0.0	0.0
11503	G	-5.935266E-02	3.211439E-01	0.0	0.0	0.0	0.0
11507	G	1.748285E-01	3.211439E-01	0.0	0.0	0.0	0.0
11531	G	-1.057757E-01	3.203390E-02	0.0	0.0	0.0	0.0
11533	G	-4.186218E-02	3.242885E-02	-1.611167E-01	0.0	0.0	0.0
11537	G	7.071829E-02	3.576764E-02	-4.238974E-02	0.0	0.0	0.0
11539	G	1.281823E-01	3.611615E-02	0.0	0.0	0.0	0.0
11543	G	-4.828666E-02	-4.105093E-02	-1.610431E-01	0.0	0.0	0.0
11547	G	9.974144E-02	-4.105093E-02	-6.250714E-02	0.0	0.0	0.0
11561	G	-6.359553E-02	-4.196153E-02	-7.721317E-02	0.0	0.0	0.0
11563	G	-5.868589E-02	-4.816051E-02	-1.604712E-01	0.0	0.0	0.0
11567	G	1.281719E-01	-7.993513E-02	-2.246889E-02	0.0	0.0	0.0
11569	G	1.342345E-01	-7.964683E-02	-9.035641E-02	0.0	0.0	0.0
11571	G	-1.264024E-01	0.0	-6.231664E-02	0.0	0.0	0.0
11579	G	1.724426E-01	0.0	-1.167495E-01	0.0	0.0	0.0
11700	G	1.598570E-01	7.915499E-01	4.528211E-01	0.0	0.0	0.0
13500	G	-4.973367E-03	-2.783464E-01	-8.619106E-02	0.0	0.0	0.0
13601	G	1.294775E-01	3.845769E-01	1.740492E-02	0.0	0.0	0.0
13603	G	1.109611E-01	3.984098E-01	-6.251583E-02	0.0	0.0	0.0
13607	G	3.357901E-02	4.302897E-01	-1.089016E-01	0.0	0.0	0.0
13609	G	4.134100E-03	3.844568E-01	-1.935331E-01	0.0	0.0	0.0
13621	G	9.081525E-02	2.875404E-01	4.277606E-02	0.0	0.0	0.0
13623	G	5.430596E-02	2.893604E-01	-4.910125E-02	0.0	0.0	0.0
13627	G	4.466136E-02	2.875131E-01	-1.263152E-01	0.0	0.0	0.0
13629	G	1.686408E-03	2.866457E-01	-2.148083E-01	0.0	0.0	0.0
13631	G	-6.034483E-02	1.694820E-01	5.309202E-02	0.0	0.0	0.0
13633	G	-1.268376E-02	1.715056E-01	-3.713151E-02	0.0	0.0	0.0
13637	G	6.742281E-02	1.719933E-01	-1.337049E-01	0.0	0.0	0.0
13639	G	1.027289E-01	1.707606E-01	-2.199776E-01	0.0	0.0	0.0
13641	G	0.0	4.635986E-02	6.407934E-02	0.0	0.0	0.0
13843	G	-3.993369E-02	8.740664E-02	-1.491448E-02	0.0	0.0	0.0
13847	G	8.455884E-02	8.872598E-02	-1.362822E-01	0.0	0.0	0.0
13848	G	4.441234E-02	5.477019E-02	-1.257521E-01	0.0	0.0	0.0
13849	G	0.0	5.505496E-02	-2.416863E-01	0.0	0.0	0.0
13861	G	-5.204513E-02	-1.820858E-02	6.735780E-02	0.0	0.0	0.0
13863	G	-6.918782E-02	-1.806185E-02	-3.487136E-02	0.0	0.0	0.0
13867	G	1.108205E-01	-4.631105E-02	-1.142869E-01	0.0	0.0	0.0
13869	G	1.193842E-01	-4.631105E-02	-2.107748E-01	0.0	0.0	0.0
13871	G	-9.592080E-02	0.0	6.873506E-02	0.0	0.0	0.0
13879	G	7.901144E-02	0.0	-2.601652E-01	0.0	0.0	0.0
14801	G	1.294775E-01	3.286414E-01	7.172543E-02	0.0	0.0	0.0
14803	G	1.035440E-01	3.366908E-01	1.681599E-02	0.0	0.0	0.0
14807	G	3.637259E-02	3.365330E-01	-1.439817E-01	0.0	0.0	0.0
14809	G	4.134100E-03	3.284255E-01	-1.977743E-01	0.0	0.0	0.0
14821	G	8.893150E-02	2.574392E-01	8.942975E-02	0.0	0.0	0.0
14823	G	5.494921E-02	2.576791E-01	1.681599E-02	0.0	0.0	0.0
14827	G	4.331834E-02	2.585632E-01	-1.439817E-01	0.0	0.0	0.0
14829	G	2.473887E-03	2.586629E-01	-2.154103E-01	0.0	0.0	0.0



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18661	-4.020673E-02	-1.532779E-01	1.818931E-01	2.310246E-03	9.340709E-04	-1.791287E-01
18662	-4.202237E-02	-1.544380E-01	1.739616E-01	4.144693E-03	1.471591E-03	-7.515147E-01
18663	-4.116407E-02	-1.559204E-01	1.594146E-01	5.224980E-03	2.008430E-03	4.887020E-04
18664	-3.071254E-02	-1.587587E-01	1.170526E-01	0.0	0.0	2.597582E-01
18665	-1.404346E-02	-1.600327E-01	7.633915E-02	0.0	0.0	4.327266E-01
18666	1.840111E-02	-1.621405E-01	3.843953E-02	0.0	0.0	5.33629E-01
18667	5.711074E-02	-1.588318E-01	2.876151E-01	5.262971E-03	-2.813457E-02	6.136222E-01
18668	7.819700E-02	-1.576326E-01	2.078756E-01	4.706699E-03	-1.852750E-03	5.892098E-01
18669	8.882916E-02	-1.567059E-01	-2.509118E-02	2.268984E-03	-8.893991E-04	4.681345E-01
18670	-4.280669E-02	-2.174318E-01	1.818455E-01	0.0	0.0	0.0
18671	-1.501736E-02	-2.184634E-01	1.577271E-01	5.224980E-03	2.316228E-03	1.519661E-02
18672	2.56658E-03	-2.233715E-01	7.76298E-02	0.0	0.0	0.0
18673	2.259428E-02	-2.211294E-01	-3.223180E-01	5.262971E-03	-2.235410E-03	1.519661E-03
18674	-1.95689E-02	-2.215525E-01	4.76091E-01	0.0	0.0	0.0
18675	2.267822E-02	-2.250058E-01	4.71374E-01	-1.509828E-03	-2.12528E-04	-2.858886E-03
18676	-3.646778E-02	-1.919840E-01	2.093678E-01	1.75636E-03	-1.238062E-03	4.369155E-03
18677	-4.571758E-03	-1.837532E-01	2.06343E-01	0.0	-9.195940E-04	3.937889E-03
18678	3.454825E-03	-1.805456E-01	2.054643E-01	0.0	0.0	2.614653E-03
18679	2.674354E-02	-1.673977E-01	1.115229E-01	0.0	0.0	2.014653E-03
18680	5.509602E-02	-1.577194E-01	8.248294E-02	0.0	0.0	3.016382E-03
18681	8.310264E-02	-1.677147E-01	4.96133E-01	9.579932E-03	1.361435E-03	3.348030E-03
18682	-3.704787E-02	-1.862216E-01	2.09098E-01	-2.631301E-03	-6.230620E-04	3.712680E-03
18683	-1.204739E-02	-1.933749E-01	2.05639E-01	2.631301E-03	-6.230620E-04	2.908131E-03
18684	7.197887E-02	-1.970623E-01	8.27139E-01	2.119556E-03	-3.674410E-04	3.704166E-03
18685	9.53506E-02	-1.908243E-01	4.51015E-01	1.53878E-03	1.807862E-03	3.379010E-03
18686	2.998013E-02	-2.208931E-02	-4.51015E-01	9.199310E-03	2.674808E-03	2.420381E-03
18687	-1.243946E-02	-1.937522E-01	2.393028E-01	1.462952E-03	-9.187625E-04	3.452732E-03
18688	-4.191410E-03	-2.01324E-01	2.393028E-01	2.690989E-04	-9.479471E-05	3.549279E-03
18689	3.180975E-02	-2.12782E-01	1.921075E-01	0.0	-5.733650E-04	4.032277E-03
18690	6.780724E-02	-2.20724E-01	1.991565E-01	0.0	0.0	4.802153E-03
18691	7.405475E-02	-2.211984E-01	3.220311E-02	1.50046E-02	1.860221E-03	4.031338E-03
18692	1.027081E-01	-2.215935E-01	4.67599E-01	1.50046E-02	1.604078E-03	3.550469E-03
18693	-3.936720E-03	-2.215935E-01	4.67599E-01	1.85588E-02	1.126899E-03	3.455050E-03
18694	2.444908E-02	4.455777E-01	1.436101E-01	0.0	1.147421E-04	-1.499490E-02
18695	-8.282239E-03	7.146863E-02	1.342167E-01	0.0	0.0	-1.512641E-02
18696	1.336745E-02	7.208931E-02	1.768943E-01	0.0	0.0	0.0
18697	2.998013E-02	7.208931E-02	1.071895E-01	0.0	0.0	0.0
18698	4.406345E-02	7.258797E-02	2.135056E-04	0.0	0.0	0.0
18699	6.075844E-02	7.258797E-02	-1.101470E-01	0.0	0.0	0.0
18700	-6.051374E-02	-2.183918E-01	1.861976E-01	0.0	0.0	0.0
18701	-2.856724E-02	-2.161325E-01	1.893377E-01	8.61623E-03	1.236323E-03	1.953393E-03
18702	1.042014E-02	-2.110892E-01	1.344444E-01	0.0	1.265965E-03	2.303071E-03
18703	5.742257E-02	-2.096508E-01	4.135516E-03	0.0	2.179661E-03	3.922876E-03
18704	7.645333E-01	-2.100022E-01	-1.316323E-01	8.276011E-03	3.073356E-03	3.502966E-03
18705	-4.421913E-02	-3.185308E-01	1.910869E-01	0.0	0.0	0.0
18706	-2.604119E-02	-3.194269E-01	1.404536E-01	0.0	0.0	0.0
18707	-5.63354E-03	-3.193804E-01	6.373429E-02	1.327250E-02	1.924579E-03	0.0
18708	6.854403E-02	-4.226125E-01	-5.594565E-02	0.0	0.0	0.0
18709	8.305299E-02	-3.230100E-01	-1.346222E-01	1.268560E-02	-5.068701E-03	0.0
18710	1.192223E-01	-3.238918E-01	-1.961387E-01	0.0	0.0	0.0
18711	-4.091673E-03	-4.726073E-01	1.422436E-01	1.001335E-02	1.389387E-03	-1.541690E-02
18712	2.477628E-02	-4.796361E-01	-1.328673E-01	1.200948E-02	-3.771120E-03	-1.549370E-02
18713	0.0	-4.922614E-01	2.362248E-02	1.247345E-02	0.0	0.0
18714	-4.784007E-03	1.666648E-01	1.397561E-01	0.0	0.0	0.0
18715	1.067093E-02	1.879112E-01	8.229542E-02	0.0	0.0	0.0
18716	2.902272E-02	1.881335E-01	-9.852695E-02	0.0	0.0	0.0
18717	4.421841E-02	1.675022E-01	-1.535518E-01	0.0	0.0	0.0
18718	-1.193532E-02	8.764845E-02	1.737715E-01	0.0	0.0	0.0
18719	9.110789E-03	8.839756E-02	9.602171E-02	0.0	0.0	0.0
18720	7.944840E-02	8.917493E-02	-8.160342E-03	0.0	0.0	0.0
18721	4.618586E-02	8.941031E-02	-1.101970E-01	0.0	0.0	0.0
18722	6.248217E-02	8.894616E-02	-1.887220E-01	0.0	0.0	0.0
18723	-5.316000E-03	1.596814E-01	1.331500E-01	0.0	0.0	0.0
18724	4.865775E-02	1.592308E-01	-1.562093E-01	0.0	0.0	0.0



51912	-1.473297E-01	1.833958E-01	1.116953E-03	4.982296E-04	-2.509889E-03
51913	-1.458921E-01	1.833958E-01	1.116953E-03	4.982296E-04	3.264688E-04
51914	-1.445596E-01	1.833958E-01	1.116953E-03	4.982296E-04	-2.856924E-05
51916	-1.489214E-01	1.851122E-01	1.8114706E-03	7.959772E-04	7.864475E-03
51918	-1.471049E-01	1.851122E-01	1.8114706E-03	7.959772E-04	-1.679437E-03
51920	-1.449472E-01	1.851122E-01	1.8114706E-03	7.959772E-04	9.006169E-03
51922	-1.750439E-01	2.031222E-01	5.490873E-03	3.931583E-04	-6.460298E-04
51923	-1.798759E-01	2.031222E-01	5.490873E-03	3.931583E-04	1.982181E-04
51924	-1.843235E-01	2.031222E-01	5.490873E-03	3.931583E-04	-5.845081E-04
51926	-1.935022E-01	2.024140E-01	6.534133E-03	4.656480E-04	-2.905473E-03
51927	-1.979454E-01	2.024140E-01	6.534133E-03	4.656480E-04	4.709233E-03
51928	-2.046102E-01	2.024140E-01	6.534133E-03	4.656480E-04	-3.782089E-03
51934	-2.180865E-01	1.913078E-01	5.847026E-03	1.230840E-03	-2.266676E-03
51935	-2.218286E-01	1.913078E-01	5.847026E-03	1.230840E-03	1.862184E-03
51936	-2.259216E-01	1.913078E-01	5.847026E-03	1.230840E-03	-4.014665E-03
62211	-1.94364E-01	1.738834E-01	0.0	0.0	0.0
62213	-1.399697E-01	1.738703E-01	5.242262E-03	2.143695E-03	1.423300E-04
62217	-1.558161E-01	1.738703E-01	5.242262E-03	2.143695E-03	-3.1165542E-03
62219	-1.774369E-01	1.721637E-01	0.0	0.0	0.0
62221	-1.545134E-01	1.767076E-01	-1.326674E-02	-5.160442E-04	-7.50451E-04
62224	-1.765780E-01	1.763382E-01	-8.949336E-03	4.820707E-04	-5.992723E-04
62226	-2.00698E-01	1.755959E-01	-8.136310E-03	2.206217E-03	-2.730474E-03
62229	-2.164496E-01	1.755354E-01	-1.140477E-02	-2.462390E-03	-2.792606E-03
62231	-2.181431E-01	1.765591E-01	-1.295983E-03	2.812845E-03	-1.867493E-03
62239	-2.83068E-01	1.764179E-01	-4.582595E-03	5.614791E-04	-3.581817E-03
62811	-1.206802E-01	1.273311E-01	0.0	0.0	0.0
62819	-1.743745E-01	1.264294E-01	0.0	0.0	0.0
62821	-1.516679E-01	1.304923E-01	0.0	0.0	0.0
62829	-2.160055E-01	1.310918E-01	0.0	0.0	0.0
62831	-2.164026E-01	1.457410E-01	0.0	0.0	0.0
62839	-2.301037E-01	1.457478E-01	0.0	0.0	0.0
62841	-1.140385E-01	8.02516E-02	0.0	0.0	0.0
62849	-1.831666E-01	8.044803E-02	0.0	0.0	0.0
62851	-1.47404E-01	8.635545E-02	0.0	0.0	0.0
62859	-2.186366E-01	8.616054E-02	0.0	0.0	0.0
62861	-2.138011E-01	1.045043E-01	0.0	0.0	0.0
62869	-2.730785E-01	1.044557E-01	0.0	0.0	0.0
62871	-1.042074E-01	-8.803450E-03	0.0	0.0	0.0
62879	-1.894090E-01	5.059663E-03	0.0	0.0	0.0
62881	-2.216962E-01	4.980683E-03	-1.109312E-02	-1.340427E-03	-3.387888E-03
62889	-2.373988E-01	3.047531E-02	0.0	0.0	0.0
62891	-2.292689E-01	3.041344E-02	0.0	0.0	0.0
62899	-2.449545E-02	-1.240760E-01	0.0	0.0	0.0
63011	-1.873904E-01	-1.230219E-01	0.0	0.0	0.0
63021	-1.286137E-01	-9.917104E-02	0.0	0.0	0.0
63029	-2.233430E-01	-9.823018E-02	0.0	0.0	0.0
63031	-1.975745E-01	-6.733874E-02	0.0	0.0	0.0
63039	-2.243741E-01	-6.740326E-02	0.0	0.0	0.0
63911	-8.507312E-02	-2.631689E-01	0.0	0.0	0.0
63919	-1.744335E-01	-2.663701E-01	0.0	0.0	0.0
63921	-1.259249E-01	-2.300647E-01	0.0	0.0	0.0
63929	-2.215982E-01	-2.305921E-01	-1.739494E-02	-4.093722E-03	-5.396578E-03
63931	-1.856117E-01	-1.888644E-01	0.0	0.0	0.0
63939	-2.146016E-01	-1.887770E-01	0.0	0.0	0.0
71912	-1.525270E-01	-3.040561E-02	1.054432E-03	-1.080416E-04	4.147854E-03
71913	-1.511697E-01	-3.040561E-02	1.054432E-03	-1.080416E-04	3.639889E-03
71914	-1.499115E-01	-3.040561E-02	1.054432E-03	-1.080416E-04	7.124119E-03
71916	-1.427880E-01	-3.440477E-02	2.142310E-03	4.231445E-04	6.887354E-03
71917	-1.404435E-01	-3.440477E-02	2.142310E-03	4.231445E-04	3.947319E-03
71918	-1.380943E-01	-3.440477E-02	2.142310E-03	4.231445E-04	7.447720E-03
71919	-1.897501E-01	-1.615125E-02	5.972134E-03	2.844794E-03	4.304480E-04
71922	-1.897501E-01	-1.615125E-02	5.972134E-03	2.844794E-03	2.103934E-03
71924	-1.866947E-01	-1.615125E-02	5.972134E-03	2.844794E-03	2.103934E-03
71926	-1.765543E-01	-1.615125E-02	5.972134E-03	2.844794E-03	-2.447756E-03
71927	-1.739995E-01	-1.531222E-02	3.757104E-03	1.315610E-03	4.032541E-03

71928	G	8.749258E-02	-1.701673E-01	-1.531222E-02	3.757104E-03	1.315610E-03	-3.856961E-03
71934	G	8.365163E-02	-2.021646E-01	-1.652513E-01	-1.380331E-02	3.128579E-03	-1.424082E-03
71935	G	8.154910E-02	-2.113167E-01	-1.852541E-01	-1.380331E-02	3.128579E-03	-1.424082E-03
71936	G	7.945911E-02	-2.206790E-01	-1.852541E-01	-1.380331E-02	3.128579E-03	-1.424082E-03
72211	G	1.083611E-01	-1.167035E-01	-2.186341E-02	0.0	0.0	0.0
72213	G	1.039271E-01	-1.463421E-01	-2.163071E-02	-4.027012E-03	2.474911E-03	-2.085611E-03
72217	G	8.842724E-02	-1.474249E-01	-2.033325E-02	-4.027012E-03	2.474911E-03	-2.085611E-03
72219	G	8.532525E-02	-1.605565E-01	-2.033325E-02	0.0	0.0	0.0
72221	G	1.085570E-01	-1.686409E-01	-4.069398E-02	-4.783037E-03	1.016939E-02	-4.707996E-04
72224	G	9.973633E-02	-1.742948E-01	-4.057469E-02	-1.396689E-03	1.016939E-02	-4.707996E-04
72226	G	2.299410E-02	-1.807081E-01	-3.981056E-02	1.598317E-03	1.598365E-04	-2.352324E-03
72229	G	7.637161E-02	-1.813316E-01	-3.950336E-02	1.598317E-03	1.598365E-04	-2.352324E-03
72231	G	8.157635E-02	-1.992665E-01	-1.206410E-01	-7.383000E-03	2.077103E-03	-1.158762E-03
72233	G	7.262540E-02	-2.194538E-01	-1.208925E-01	-2.355894E-02	3.574810E-03	-2.085611E-03
72811	G	1.041854E-01	-1.374416E-01	-1.422696E-03	0.0	0.0	0.0
72811	G	7.777611E-02	-1.601789E-01	-4.569995E-04	0.0	0.0	0.0
72821	G	1.004546E-01	-1.646204E-01	-2.617137E-02	0.0	0.0	0.0
72821	G	7.117122E-02	-1.881366E-01	-2.664233E-02	0.0	0.0	0.0
72829	G	7.801646E-02	-1.983498E-01	-8.168743E-02	0.0	0.0	0.0
72831	G	6.976372E-02	-2.134552E-01	-8.152443E-02	0.0	0.0	0.0
73411	G	9.508127E-02	-1.357265E-01	1.621310E-02	0.0	0.0	0.0
73419	G	7.386559E-02	-1.687781E-01	1.598516E-02	0.0	0.0	0.0
73421	G	9.120226E-02	-1.604933E-01	-9.225171E-03	0.0	0.0	0.0
73429	G	6.751877E-02	-1.935593E-01	-8.975742E-03	0.0	0.0	0.0
73431	G	7.331122E-02	-1.973187E-01	-5.104323E-02	0.0	0.0	0.0
73439	G	6.662160E-02	-2.098667E-01	-5.092101E-02	0.0	0.0	0.0
74211	G	8.786857E-02	-1.318640E-01	5.631937E-02	0.0	0.0	0.0
74219	G	7.200843E-02	-1.527815E-01	3.285324E-02	0.0	0.0	0.0
74221	G	6.573313E-02	-1.994254E-01	3.285324E-02	0.0	0.0	0.0
74229	G	7.020128E-02	-1.919516E-01	3.285324E-02	-6.287843E-03	2.370288E-03	-2.388541E-03
74231	G	6.445348E-02	-2.236764E-01	-6.379157E-04	0.0	0.0	0.0
74239	G	9.779575E-02	-1.258833E-01	1.168611E-01	0.0	0.0	0.0
75011	G	7.621175E-02	-1.785948E-01	1.161054E-01	0.0	0.0	0.0
75021	G	8.404326E-02	-1.432756E-01	9.659275E-02	0.0	0.0	0.0
75029	G	7.065558E-02	-2.036801E-01	9.576380E-02	0.0	0.0	0.0
75031	G	7.334369E-02	-1.832304E-01	7.094210E-02	0.0	0.0	0.0
75039	G	6.858599E-02	-2.023800E-01	7.100713E-02	0.0	0.0	0.0
75011	G	9.171492E-02	-1.224223E-01	1.956969E-01	0.0	0.0	0.0
75019	G	8.366066E-02	-1.719159E-01	1.975632E-01	0.0	0.0	0.0
75021	G	9.079266E-02	-1.420793E-01	1.854317E-01	0.0	0.0	0.0
75029	G	8.167475E-02	-2.034540E-01	1.864410E-01	-1.159551E-02	1.249711E-03	-3.654349E-03
75031	G	8.349204E-02	-1.734124E-01	1.864410E-01	0.0	0.0	0.0
75039	G	7.939798E-02	-1.940746E-01	1.647899E-01	0.0	0.0	0.0
122400	G	-3.259884E-01	1.378507E-01	-5.782722E-01	7.759791E-03	-1.615042E-02	-6.526098E-03
123467	G	5.923259E-02	-1.833199E-01	-2.339947E-01	0.0	0.0	0.0
123467	G	-3.192817E-01	1.557712E-01	-4.909091E-01	0.0	0.0	0.0
124800	G	-3.259884E-01	1.378507E-01	-5.782722E-01	7.759791E-03	-1.615042E-02	-6.526098E-03
125063	G	-6.180262E-02	-8.872032E-02	-1.922772E-01	0.0	0.0	0.0
125063	G	-5.717089E-03	-8.823225E-02	-2.285260E-01	0.0	0.0	0.0
125065	G	5.968748E-02	-9.127742E-02	-2.360168E-01	0.0	0.0	0.0
125067	G	-1.596020E-01	4.027901E-02	-1.522594E-02	0.0	0.0	0.0
125083	G	-3.127173E-01	4.027901E-02	-1.522594E-02	0.0	0.0	0.0
125087	G	-5.486404E-02	1.444408E-02	3.962478E-02	0.0	0.0	0.0
125087	G	-2.743524E-01	1.370979E-02	-1.532966E-01	0.0	0.0	0.0
127200	G	-3.259884E-01	1.378507E-01	-5.782722E-01	7.759791E-03	-1.615042E-02	-6.526098E-03
189073	G	9.685439E-02	-3.315158E-01	-8.469384E-02	-2.370567E-02	4.004762E-04	-3.554177E-03
189073	G	8.684944E-03	-3.315158E-01	-8.469384E-02	-2.370567E-02	4.004762E-04	-3.554177E-03
200070	G	4.981983E-02	-5.667229E-01	2.044380E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
200070	G	5.287144E-02	-5.667229E-01	2.044380E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
200079	G	5.349303E-02	-1.321388E-01	2.065652E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
200086	G	5.907193E-02	-1.439036E-01	2.065652E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
200087	G	5.727243E-02	-1.601155E-01	2.065652E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
200087	G	6.491336E-02	-1.885481E-01	2.065652E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
200096	G	6.355744E-02	5.050623E-02	2.084448E-01	-2.411734E-02	7.512758E-04	-3.554177E-03
200101	G	6.771469E-02	1.574515E-01	2.084448E-01	-1.406672E-02	5.286031E-04	-3.554177E-03

200106	7.048285E-02	2.777182E-01	2.119039E-01	-1.462349E-02	4.369377E-04	-3.554177E-03
200114	7.173049E-02	3.631564E-01	2.152742E-01	-6.613828E-03	-1.700585E-04	-3.554177E-03
200121	6.802595E-02	3.832030E-01	2.182630E-01	9.759907E-04	-9.228869E-04	-3.554177E-03
200129	5.702794E-02	3.423080E-01	2.216599E-01	8.892752E-03	-1.789169E-03	-3.554177E-03
200137	3.994836E-02	2.665993E-01	2.216599E-01	1.467941E-02	-2.430782E-03	-3.554177E-03
200145	1.879321E-02	1.134732E-01	2.216599E-01	1.820264E-02	-2.825726E-03	-3.554177E-03
200153	-3.788334E-03	-3.361274E-02	2.216599E-01	1.933020E-02	-7.352121E-03	-3.554177E-03
200159	-1.031250E-02	-7.633227E-02	2.216599E-01	1.933020E-02	-2.952121E-03	-3.554177E-03
211001	1.025761E-02	-5.663041E-02	3.832030E-01	-3.042603E-02	3.125637E-03	-3.554177E-03
211002	-7.077873E-02	-5.222755E-02	1.130374E-02	-2.750754E-02	5.185150E-03	-3.554177E-03
211073	9.685439E-02	-4.089259E-01	-9.361321E-02	-2.370567E-02	4.004762E-04	-3.554177E-03
211077	8.888494E-03	-4.188064E-01	4.931021E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
214075	5.287144E-02	-1.188064E-01	1.986311E-01	-2.370567E-02	4.004762E-04	-3.554177E-03
214901	1.025761E-02	-1.846069E-01	1.974567E-01	-3.042603E-02	3.125637E-03	-3.554177E-03
214902	-7.077873E-02	-1.373433E-01	-2.157543E-01	-2.750754E-02	5.185150E-03	-3.554177E-03
215101	-1.165227E-02	2.549214E-01	-9.197315E-02	-1.358850E-02	-7.126848E-04	-3.554177E-03
215102	6.554484E-02	2.549214E-01	8.127953E-03	-1.189575E-02	7.371008E-03	-3.554177E-03
215103	2.091118E-02	2.871323E-01	-1.374644E-01	4.018430E-03	1.733179E-03	-3.554177E-03
215202	1.022564E-01	2.883030E-01	6.004459E-02	4.636522E-03	5.483888E-03	-3.554177E-03
222001	-1.095273E-02	-4.676672E-01	3.252891E-02	-3.697709E-02	4.049637E-04	-3.554177E-03
222002	-7.130653E-02	-4.342066E-01	3.115519E-01	-3.469688E-02	1.944033E-04	-3.554177E-03
222201	5.296335E-02	1.159740E-01	-2.408225E-02	-1.911753E-02	2.808462E-03	-3.554177E-03
222202	-5.302584E-02	1.136375E-01	1.232979E-02	-1.811128E-02	8.658615E-04	-3.554177E-03
222301	4.845775E-02	1.592308E-01	-1.562393E-01	6.007857E-03	2.624579E-03	-3.554177E-03
222302	-5.316030E-03	1.598814E-01	1.331500E-01	4.271489E-03	1.441298E-03	-3.554177E-03
223401	1.095273E-02	-5.029721E-01	3.193869E-01	-3.697709E-02	4.049637E-04	-3.554177E-03
223402	-7.130653E-02	-4.610342E-01	-3.143305E-01	-3.469688E-02	1.944033E-04	-3.554177E-03
520018	-2.160519E-01	2.231969E-01	1.271542E-01	-6.215544E-02	-3.898332E-03	-3.554177E-03
520024	-2.125709E-01	2.231969E-01	1.310202E-01	-6.214383E-02	-3.898332E-03	-3.554177E-03
520057	-1.957397E-01	2.232115E-01	1.059030E-02	-6.273424E-02	-3.898332E-03	-3.554177E-03
520065	-1.930606E-01	2.232149E-01	-4.682828E-02	-6.920262E-02	-3.898332E-03	-3.554177E-03
520069	-1.920674E-01	2.232165E-01	-6.531133E-02	-5.012924E-02	-3.898332E-03	-3.554177E-03
520079	-1.933478E-01	2.232496E-01	-1.224405E-01	-5.496009E-02	-3.898332E-03	-3.554177E-03
520135	-2.097040E-01	2.234844E-01	-4.944287E-01	-7.428950E-02	-3.898332E-03	-3.554177E-03
520139	-2.122759E-01	2.235063E-01	-5.250126E-01	-7.468635E-02	-3.898332E-03	-3.554177E-03
520152	-2.208243E-01	2.235757E-01	-6.237402E-01	-7.561362E-02	-3.898332E-03	-3.554177E-03
520185	-2.426118E-01	2.235757E-01	-8.731133E-01	-7.561362E-02	-3.898332E-03	-3.554177E-03

A4-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - P111 IN GEN 1  
 BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 5.673557E-04

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
3331	G	3.711207E-02	3.069146E-01	3.101944E-01	0.0	0.0	0.0
3339	G	-2.105016E-03	3.075097E-01	3.515734E-01	0.0	0.0	0.0
3341	G	-2.244948E-04	5.407154E-01	2.448804E-01	0.0	0.0	0.0
3349	G	1.187786E-01	5.390736E-01	4.152644E-01	0.0	0.0	0.0
4631	G	6.140978E-02	2.256449E-01	1.707957E-01	0.0	0.0	0.0
4633	G	3.458818E-02	2.287426E-01	1.877544E-01	0.0	0.0	0.0
4637	G	-3.753401E-02	2.285678E-01	3.117521E-01	0.0	0.0	0.0
4639	G	-2.688325E-02	2.562878E-01	3.288306E-01	0.0	0.0	0.0
4641	G	9.005702E-02	3.109030E-01	1.645123E-01	0.0	0.0	0.0
4649	G	2.044439E-02	3.122295E-01	3.357093E-01	0.0	0.0	0.0
4661	G	9.463429E-02	3.672960E-01	1.529275E-01	0.0	0.0	0.0
4669	G	1.201779E-01	3.699247E-01	3.181078E-01	0.0	0.0	0.0
6123	G	-2.194158E-02	1.431571E-01	1.395285E-01	0.0	0.0	0.0
6127	G	-9.348018E-02	1.434766E-01	1.503919E-01	0.0	0.0	0.0
6131	G	5.535559E-02	1.531616E-01	1.210121E-01	0.0	0.0	0.0
6133	G	3.824828E-02	1.527933E-01	1.404676E-01	0.0	0.0	0.0
6137	G	-3.411439E-02	1.538658E-01	1.482333E-01	0.0	0.0	0.0
6139	G	-5.343702E-02	1.547379E-01	1.710866E-01	0.0	0.0	0.0
6141	G	8.966154E-02	2.038965E-01	1.115038E-01	0.0	0.0	0.0
6143	G	1.198908E-02	2.039903E-01	1.465636E-01	0.0	0.0	0.0
6147	G	2.127472E-02	2.152909E-01	1.434474E-01	0.0	0.0	0.0
6149	G	-8.410368E-03	2.151717E-01	1.813252E-01	0.0	0.0	0.0
6151	G	1.081216E-01	2.523959E-01	1.233128E-01	0.0	0.0	0.0
6153	G	7.915119E-02	2.525648E-01	1.494592E-01	0.0	0.0	0.0
6157	G	5.992337E-02	2.677698E-01	1.814202E-01	0.0	0.0	0.0
6159	G	2.936182E-02	2.671743E-01	1.869088E-01	0.0	0.0	0.0
6171	G	9.824693E-02	4.074738E-01	1.751763E-01	0.0	0.0	0.0
6174	G	1.727187E-01	4.061965E-01	2.229357E-01	0.0	0.0	0.0
7031	G	5.607240E-02	1.145377E-01	3.0	0.0	0.0	0.0
7033	G	3.615295E-02	1.143684E-01	1.250575E-01	0.0	0.0	0.0
7037	G	-1.046239E-02	1.143684E-01	7.065445E-02	0.0	0.0	0.0
7039	G	-5.088335E-02	1.141522E-01	0.0	0.0	0.0	0.0
7043	G	6.368268E-02	0.0	1.192723E-01	0.0	0.0	0.0
7047	G	2.182589E-02	0.0	7.157943E-02	0.0	0.0	0.0
7061	G	1.142216E-01	1.889232E-01	-1.841395E-02	0.0	0.0	0.0
7063	G	6.66642E-02	1.889232E-01	1.173726E-01	0.0	0.0	0.0
7067	G	6.220878E-02	2.140830E-01	7.163715E-02	0.0	0.0	0.0
7069	G	2.105264E-02	2.134079E-01	6.727576E-02	0.0	0.0	0.0
7071	G	1.337521E-01	0.0	-5.466804E-02	0.0	0.0	0.0
7079	G	3.580428E-02	0.0	7.379645E-02	0.0	0.0	0.0
7505	G	-9.961444E-02	1.394923E-01	6.566366E-02	6.830648E-03	6.830648E-03	-3.330767E-03
8300	G	1.991017E-01	2.424112E-03	1.073754E-02	0.0	0.0	0.0
8531	G	6.100306E-02	6.536627E-02	0.0	0.0	0.0	0.0
8533	G	3.615295E-02	6.617224E-02	2.621435E-02	0.0	0.0	0.0
8537	G	-3.046239E-02	6.617224E-02	-2.818497E-02	0.0	0.0	0.0
8539	G	-6.750179E-02	6.512803E-02	0.0	0.0	0.0	0.0
8543	G	6.370544E-02	0.0	2.796233E-02	0.0	0.0	0.0
8547	G	1.994368E-02	0.0	-2.872998E-02	0.0	0.0	0.0
8561	G	1.179697E-01	1.075768E-01	-5.250098E-02	0.0	0.0	0.0
8563	G	8.701748E-02	1.084189E-01	2.859246E-02	0.0	0.0	0.0
8567	G	5.846268E-02	9.931082E-02	-2.880316E-02	0.0	0.0	0.0
8569	G	1.076136E-02	9.931082E-02	-4.430533E-02	0.0	0.0	0.0
8571	G	1.106712E-01	0.0	-8.031923E-02	0.0	0.0	0.0
8579	G	1.959744E-02	0.0	-4.332468E-02	0.0	0.0	0.0
9303	G	7.917480E-02	1.614595E-02	-2.690712E-02	0.0	0.0	0.0
9307	G	4.818731E-02	1.502926E-02	-1.144366E-01	0.0	0.0	0.0

9313	6.79246E-02	5.51334E-03	-2.84901E-02	0.0	0.0
9317	-1.04342E-01	-2.47175E-05	-1.15330E-01	0.0	0.0
9321	8.44520E-02	3.50403E-02	-3.34229E-02	0.0	0.0
9325	3.92494E-02	3.48512E-02	-2.84211E-02	0.0	0.0
9327	-2.194157E-02	3.481509E-02	-8.67004E-02	0.0	0.0
9329	-9.31392E-02	3.714624E-02	-3.22552E-02	0.0	0.0
9331	0.0	3.503254E-02	-1.364167E-02	0.0	0.0
9341	9.421450E-02	3.515489E-02	-3.118181E-02	0.0	0.0
9343	1.825517E-02	3.533940E-02	-9.221554E-02	0.0	0.0
9347	0.0	3.484830E-02	-9.222382E-02	0.0	0.0
9349	1.08654E-01	2.811011E-02	-3.989208E-02	0.0	0.0
9361	3.63504E-02	2.756206E-02	-3.565519E-02	0.0	0.0
9363	6.57867E-02	2.287826E-02	-9.853929E-02	0.0	0.0
9367	7.410597E-03	2.262533E-02	-9.748757E-02	0.0	0.0
9369	9.924150E-02	1.815408E-02	-3.736163E-02	0.0	0.0
9371	0.0	1.596737E-02	-1.470065E-02	0.0	0.0
9373	0.0	1.161113E-02	-8.276474E-02	0.0	0.0
9377	2.714622E-02	1.222822E-02	-1.023239E-01	0.0	0.0
9379	3.035492E-02	-2.477882E-01	1.100491E-01	0.0	0.0
11300	3.418113E-02	-6.467028E-02	0.0	0.0	0.0
11503	6.912514E-03	-8.647028E-02	0.0	0.0	0.0
11531	5.640418E-02	-1.686319E-02	0.0	0.0	0.0
11533	4.684515E-02	-1.687075E-02	-3.179919E-02	0.0	0.0
11537	7.617474E-03	-1.601724E-02	-1.214632E-01	0.0	0.0
11539	-1.031994E-02	-1.577002E-02	0.0	0.0	0.0
11543	5.355278E-02	-1.212349E-02	-3.179431E-02	0.0	0.0
11547	1.565994E-02	-1.212349E-02	-1.214302E-01	0.0	0.0
11549	7.912719E-02	-6.075594E-02	-2.371947E-02	0.0	0.0
11561	5.646335E-02	-6.097791E-02	-3.169804E-02	0.0	0.0
11563	2.756998E-02	-6.284922E-02	-1.213221E-01	0.0	0.0
11567	1.523734E-02	-8.251377E-02	-1.114468E-01	0.0	0.0
11569	6.887835E-02	0.0	-3.698389E-02	0.0	0.0
11571	-6.422445E-05	0.0	-1.143118E-01	0.0	0.0
11579	1.279349E-02	-3.491573E-01	-5.412335E-01	0.0	0.0
11700	1.874813E-02	-9.438747E-02	-4.578633E-02	0.0	0.0
13001	-1.940745E-03	-2.495814E-02	-4.625715E-03	0.0	0.0
13003	1.707515E-02	-2.531341E-02	-9.065634E-03	0.0	0.0
13007	1.075345E-01	-2.740058E-02	-1.104420E-01	0.0	0.0
13009	1.146946E-01	-2.487135E-02	-1.082318E-01	0.0	0.0
13021	-7.306493E-03	-3.076929E-02	-3.364530E-03	0.0	0.0
13023	2.490050E-02	-3.094468E-02	-1.174126E-02	0.0	0.0
13027	6.631924E-02	-2.981029E-02	-9.818941E-02	0.0	0.0
13029	8.922118E-02	-2.904938E-02	-1.086592E-01	0.0	0.0
13031	4.615045E-02	-6.247445E-02	-4.731413E-03	0.0	0.0
13033	4.219645E-02	-6.341362E-02	-1.424690E-02	0.0	0.0
13037	2.634742E-02	-4.346338E-02	-9.015034E-02	0.0	0.0
13039	1.523864E-02	-6.298590E-02	-1.063255E-01	0.0	0.0
13041	0.0	-5.935457E-02	-7.632472E-03	0.0	0.0
13043	4.638442E-02	-5.929014E-02	-1.514401E-02	0.0	0.0
13047	1.827911E-02	-5.940649E-02	-8.750325E-02	0.0	0.0
13049	1.887933E-02	-6.234454E-02	-9.002525E-02	0.0	0.0
13061	0.0	-6.142204E-02	-1.038522E-01	0.0	0.0
13063	5.073911E-02	-6.736428E-02	-8.496216E-03	0.0	0.0
13067	5.040025E-02	-6.741786E-02	-1.531362E-02	0.0	0.0
13069	1.558875E-02	-7.633645E-02	-9.105325E-02	0.0	0.0
13071	2.725093E-02	-7.842747E-02	-9.844351E-02	0.0	0.0
13073	3.751742E-02	0.0	-7.284434E-03	0.0	0.0
13079	-1.765952E-02	0.0	-1.033455E-01	0.0	0.0
13081	-1.960785E-03	1.998979E-02	-3.346780E-03	0.0	0.0
14003	2.278784E-02	2.185905E-02	-1.528731E-02	0.0	0.0
14007	9.836245E-02	2.223635E-02	-5.609075E-02	0.0	0.0
14009	1.196496E-01	2.042886E-02	-6.665230E-02	0.0	0.0
14021	-5.710129E-03	4.435536E-03	-1.564546E-03	0.0	0.0
14023	2.417470E-02	5.342942E-03	-1.526731E-02	0.0	0.0
14027	6.659734E-02	7.082444E-03	-5.609075E-02	0.0	0.0
14029	8.721500E-02	6.756134E-03	-7.101458E-02	0.0	0.0



18831	9.209306E-02	-3.157594E-01	3.826170E-03	3.00	0.0	0.0
18832	3.905265E-02	3.122810E-01	-1.654376E-02	0.0	0.0	0.0
18833	2.966190E-02	-3.146070E-01	-5.677703E-02	0.0	0.0	0.0
18834	2.037211E-02	-3.206193E-01	7.228112E-02	0.0	0.0	0.0
18841	0.0	-5.203971E-02	2.292316E-03	0.0	0.0	0.0
18842	9.531577E-02	-5.146262E-01	-1.325558E-02	0.0	0.0	0.0
18843	1.785115E-02	-5.153438E-02	-5.674224E-02	0.0	0.0	0.0
18849	0.0	-5.153961E-02	-6.812259E-02	0.0	0.0	0.0
18851	5.194943E-02	-6.106532E-02	-1.534617E-03	0.0	0.0	0.0
18867	7.131696E-03	-5.739504E-02	-1.342170E-02	0.0	0.0	0.0
18869	3.852214E-02	-5.732375E-02	-5.610407E-02	0.0	0.0	0.0
18881	1.691074E-01	-6.6111729E-02	-1.078912E-02	0.0	0.0	0.0
18883	4.124784E-03	-6.620327E-02	-2.068412E-03	0.0	0.0	0.0
18887	3.152462E-02	-6.260258E-02	-5.746916E-02	0.0	0.0	0.0
18899	2.131114E-02	-6.139433E-02	-5.966567E-02	0.0	0.0	0.0
18905	1.060513E-02	3.004109E-02	-9.433005E-03	1.841260E-03	1.546101E-04	4.624317E-03
18913	7.965954E-02	2.902481E-02	-9.801364E-02	-3.541265E-03	-3.541265E-03	4.147101E-03
18931	1.683558E-02	9.73201E-02	3.586301E-03	0.0	0.0	0.0
18933	2.287874E-02	5.059903E-02	-1.649027E-02	0.0	0.0	0.0
18935	9.836245E-02	6.711599E-02	-2.907931E-02	0.0	0.0	0.0
18939	9.717587E-03	4.397544E-02	3.732671E-02	0.0	0.0	0.0
18941	-9.734432E-03	3.352041E-02	6.832545E-03	0.0	0.0	0.0
18943	1.811519E-02	3.406293E-02	-1.341537E-02	0.0	0.0	0.0
18945	9.38229E-02	3.356534E-02	-2.311843E-02	0.0	0.0	0.0
18949	7.165298E-02	3.197601E-02	-3.090363E-02	0.0	0.0	0.0
18959	8.349748E-02	3.388289E-02	-3.924931E-02	0.0	0.0	0.0
18963	2.968634E-02	0.0	-1.267994E-02	0.0	0.0	0.0
18965	3.756655E-02	0.0	-3.393286E-02	0.0	0.0	0.0
18981	1.013973E-02	3.1734293E-02	3.671894E-02	0.0	0.0	0.0
18983	1.351064E-02	-3.069478E-02	0.0	0.0	0.0	0.0
18985	2.351234E-02	-3.069478E-02	0.0	0.0	0.0	0.0
18987	4.697304E-02	-3.527771E-02	0.0	0.0	0.0	0.0
18989	2.694350E-02	-3.557634E-02	3.793394E-02	0.0	0.0	0.0
18990	-1.837407E-02	-1.771039E-02	-1.771039E-02	0.0	0.0	0.0
18991	1.131743E-02	1.227772E-01	1.748603E-01	0.0	0.0	0.0
18993	2.311770E-02	1.259645E-01	9.735638E-01	0.0	0.0	0.0
18995	4.910300E-02	1.290128E-01	7.159555E-02	0.0	0.0	0.0
18999	6.149673E-02	1.249794E-01	5.68171E-02	0.0	0.0	0.0
19021	1.282023E-02	1.039995E-01	1.036369E-01	0.0	0.0	0.0
19023	2.50421E-02	1.101769E-01	1.205997E-01	0.0	0.0	0.0
19025	3.670992E-02	1.113151E-01	4.786637E-02	0.0	0.0	0.0
19027	4.177465E-02	1.111707E-01	7.186615E-02	0.0	0.0	0.0
19029	5.313591E-02	1.111763E-01	5.431336E-02	0.0	0.0	0.0
19031	1.813460E-02	7.640373E-01	-1.15407E-01	0.0	0.0	0.0
19033	0.0	7.973326E-02	1.940501E-01	0.0	0.0	0.0
19035	0.0	8.134067E-02	9.199136E-02	0.0	0.0	0.0
19037	0.0	9.245355E-02	7.056407E-02	0.0	0.0	0.0
19039	5.346867E-02	8.909774E-02	5.223531E-02	0.0	0.0	0.0
19041	4.885719E-02	7.793713E-02	1.154535E-01	3.80853E-04	-6.753340E-04	2.685159E-03
19043	5.366519E-02	4.472747E-02	1.145560E-01	-2.292199E-03	-2.292199E-03	2.103733E-03
19045	6.046800E-02	4.967985E-02	1.422330E-01	6.06886E-04	-3.8846459E-03	1.829924E-03
19049	6.368172E-02	5.206799E-02	1.020406E-01	0.0	0.0	9.803301E-03
19051	5.5137109E-02	5.349317E-02	9.773237E-02	0.0	0.0	-1.027493E-03
19053	5.347272E-02	5.349317E-02	3.866293E-02	0.0	0.0	-1.7811265E-03
19055	4.234262E-02	5.477963E-02	7.981706E-02	1.401967E-03	-1.437941E-03	-2.186710E-03
19057	3.913365E-02	5.736931E-02	7.236540E-02	2.953766E-04	-6.132941E-04	-2.03594E-03
19059	3.006294E-02	5.736931E-02	7.236540E-02	3.542844E-05	-2.615026E-04	-2.193869E-03
19061	4.7529731E-02	4.7529731E-02	1.150947E-01	-2.605937E-03	-7.567960E-04	-1.984211E-03
19063	4.4227714E-02	4.4227714E-02	1.150241E-01	6.428376E-04	-2.405937E-03	1.509655E-03
19065	5.4227714E-02	5.4227714E-02	7.547331E-02	1.263557E-03	-8.452333E-04	-1.783321E-03
19067	5.2729731E-02	5.2729731E-02	7.328947E-02	5.603926E-04	-1.769629E-04	-2.083109E-03
19069	4.311304E-02	5.217654E-02	4.5947274E-04	4.5947274E-04	-4.614467E-04	-3.205070E-03
19071	5.1173744E-02	5.1173744E-02	1.1517372E-01	-1.4444930E-03	-1.4444930E-03	-2.187910E-03
19073	4.9331673E-02	4.9331673E-02	7.9231673E-03	1.6473141E-03	-9.4919378E-04	3.001246E-04
19075	4.4437330E-02	4.4437330E-02	7.4483330E-03	1.1773306E-04	-9.4919359E-04	1.011524E-03
19079	1.0394101E-02	1.0394101E-02	0.0	0.0	0.0	0.0

18661	G	4-36004E-02	1-179737E-01	4-292643E-04	8-510957E-05	-3-605405E-03
18662	G	3-73041E-02	1-176164E-01	1-337131E-03	-1-934022E-04	-2-798948E-03
18663	G	2-814161E-02	1-112513E-01	2-297716E-03	-4-7111465E-04	-2-482773E-03
18664	G	1-808348E-02	4-778310E-02	0-0	0-0	-6-914830E-04
18665	G	1-791244E-02	4-592395E-02	0-0	0-0	5-172952E-04
18666	G	2-275082E-02	4-652564E-02	0-0	0-0	1-039576E-01
18667	G	2-914981E-02	4-668011E-02	0-0	0-0	8-466721E-04
18668	G	3-205191E-02	4-705567E-02	2-363916E-03	6-459559E-05	6-809682E-04
18669	G	3-294384E-02	4-738087E-02	1-617100E-03	4-431447E-05	2-208807E-04
18670	G	4-192384E-03	2-223924E-02	0-0	0-0	0-0
18671	G	2-331372E-02	1-194646E-01	0-0	0-0	0-0
18672	G	2-406071E-02	1-138747E-01	2-297716E-03	3-5911119E-04	2-980910E-04
18673	G	3-069149E-02	1-927408E-02	0-0	0-0	0-0
18674	G	2-182735E-02	1-838433E-02	2-363916E-03	1-597625E-04	2-980910E-04
18675	G	2-575091E-02	1-452059E-02	0-0	0-0	0-0
18676	G	3-243983E-02	1-50760E-02	0-0	0-0	0-0
18677	G	4-313404E-02	1-88390E-02	0-0	0-0	0-0
18678	G	4-830821E-02	1-80831E-02	0-0	0-0	0-0
18679	G	4-867810E-02	1-530748E-02	0-0	0-0	0-0
18680	G	4-410764E-02	1-976872E-01	0-0	0-0	0-0
18681	G	4-348174E-02	2-144752E-01	0-0	0-0	0-0
18682	G	3-348174E-02	2-533932E-01	0-0	0-0	0-0
18683	G	3-065488E-02	1-88390E-02	0-0	0-0	0-0
18684	G	2-058189E-02	1-650156E-01	0-0	0-0	0-0
18685	G	5-089125E-02	1-522534E-02	0-0	0-0	0-0
18686	G	5-191704E-02	1-551698E-01	0-0	0-0	0-0
18687	G	4-413081E-02	1-992269E-01	0-0	0-0	0-0
18688	G	4-477085E-02	1-694746E-01	0-0	0-0	0-0
18689	G	5-321914E-02	1-591740E-02	0-0	0-0	0-0
18690	G	5-386933E-02	1-532435E-01	0-0	0-0	0-0
18691	G	5-404987E-02	1-99049E-01	0-0	0-0	0-0
18692	G	5-385492E-02	2-122301E-01	0-0	0-0	0-0
18693	G	5-030590E-02	2-470541E-01	0-0	0-0	0-0
18694	G	4-819834E-02	1-857098E-01	0-0	0-0	0-0
18695	G	4-063189E-02	2-41744E-02	0-0	0-0	0-0
18696	G	3-104927E-02	1-590020E-02	0-0	0-0	0-0
18697	G	3-749934E-02	1-578563E-02	0-0	0-0	0-0
18698	G	2-445718E-02	2-274713E-02	0-0	0-0	0-0
18699	G	2-960346E-02	1-499353E-01	0-0	0-0	0-0
18700	G	3-129441E-02	1-482751E-01	0-0	0-0	0-0
18701	G	3-044744E-02	1-474807E-01	0-0	0-0	0-0
18702	G	2-420818E-02	1-467405E-01	0-0	0-0	0-0
18703	G	3-853841E-02	1-465155E-01	0-0	0-0	0-0
18704	G	3-373145E-02	4-819421E-02	0-0	0-0	0-0
18705	G	2-72337E-02	4-447300E-02	0-0	0-0	0-0
18706	G	1-674560E-02	5-106459E-02	0-0	0-0	0-0
18707	G	4-099864E-02	5-37337E-02	0-0	0-0	0-0
18708	G	4-302664E-02	5-732314E-02	0-0	0-0	0-0
18709	G	3-051857E-02	1-422440E-02	0-0	0-0	0-0
18710	G	1-716472E-02	1-33280E-02	0-0	0-0	0-0
18711	G	3-167349E-02	1-33280E-02	0-0	0-0	0-0
18712	G	4-324334E-02	1-308116E-02	0-0	0-0	0-0
18713	G	3-313962E-02	8-134909E-03	0-0	0-0	0-0
18714	G	3-813204E-02	7-805597E-03	0-0	0-0	0-0
18715	G	0-0	5-572922E-03	0-0	0-0	0-0
18716	G	0-0	2-515261E-02	0-0	0-0	0-0
18717	G	0-0	3-597743E-02	0-0	0-0	0-0
18718	G	0-0	3-435421E-02	0-0	0-0	0-0
18719	G	1-508986E-02	1-612446E-02	0-0	0-0	0-0
18720	G	1-328164E-02	1-60673E-02	0-0	0-0	0-0
18721	G	1-074981E-02	1-779732E-01	0-0	0-0	0-0
18722	G	1-038108E-02	1-779633E-01	0-0	0-0	0-0
18723	G	2-870569E-02	1-721128E-01	0-0	0-0	0-0
18724	G	3-109348E-02	1-70225E-01	0-0	0-0	0-0
18725	G	3-202501E-02	1-475518E-01	0-0	0-0	0-0
18726	G	2-791154E-02	1-486799E-01	0-0	0-0	0-0
18727	G	2-138830E-02	1-488379E-01	0-0	0-0	0-0
18728	G	2-048750E-02	1-486525E-01	0-0	0-0	0-0
18729	G	1-412565E-02	1-639785E-01	0-0	0-0	0-0
18730	G	0-0	1-637562E-01	0-0	0-0	0-0
18731	G	0-0	0-0	0-0	0-0	0-0
18732	G	0-0	0-0	0-0	0-0	0-0
18733	G	0-0	0-0	0-0	0-0	0-0
18734	G	0-0	0-0	0-0	0-0	0-0
18735	G	0-0	0-0	0-0	0-0	0-0
18736	G	0-0	0-0	0-0	0-0	0-0
18737	G	0-0	0-0	0-0	0-0	0-0
18738	G	0-0	0-0	0-0	0-0	0-0
18739	G	0-0	0-0	0-0	0-0	0-0
18740	G	0-0	0-0	0-0	0-0	0-0
18741	G	0-0	0-0	0-0	0-0	0-0
18742	G	0-0	0-0	0-0	0-0	0-0
18743	G	0-0	0-0	0-0	0-0	0-0
18744	G	0-0	0-0	0-0	0-0	0-0
18745	G	0-0	0-0	0-0	0-0	0-0
18746	G	0-0	0-0	0-0	0-0	0-0
18747	G	0-0	0-0	0-0	0-0	0-0
18748	G	0-0	0-0	0-0	0-0	0-0
18749	G	0-0	0-0	0-0	0-0	0-0
18750	G	0-0	0-0	0-0	0-0	0-0
18751	G	0-0	0-0	0-0	0-0	0-0
18752	G	0-0	0-0	0-0	0-0	0-0
18753	G	0-0	0-0	0-0	0-0	0-0
18754	G	0-0	0-0	0-0	0-0	0-0
18755	G	0-0	0-0	0-0	0-0	0-0
18756	G	0-0	0-0	0-0	0-0	0-0
18757	G	0-0	0-0	0-0	0-0	0-0
18758	G	0-0	0-0	0-0	0-0	0-0
18759	G	0-0	0-0	0-0	0-0	0-0
18760	G	0-0	0-0	0-0	0-0	0-0
18761	G	0-0	0-0	0-0	0-0	0-0
18762	G	0-0	0-0	0-0	0-0	0-0
18763	G	0-0	0-0	0-0	0-0	0-0
18764	G	0-0	0-0	0-0	0-0	0-0
18765	G	0-0	0-0	0-0	0-0	0-0
18766	G	0-0	0-0	0-0	0-0	0-0
18767	G	0-0	0-0	0-0	0-0	0-0
18768	G	0-0	0-0	0-0	0-0	0-0
18769	G	0-0	0-0	0-0	0-0	0-0
18770	G	0-0	0-0	0-0	0-0	0-0
18771	G	0-0	0-0	0-0	0-0	0-0
18772	G	0-0	0-0	0-0	0-0	0-0
18773	G	0-0	0-0	0-0	0-0	0-0
18774	G	0-0	0-0	0-0	0-0	0-0
18775	G	0-0	0-0	0-0	0-0	0-0
18776	G	0-0	0-0	0-0	0-0	0-0
18777	G	0-0	0-0	0-0	0-0	0-0
18778	G	0-0	0-0	0-0	0-0	0-0
18779	G	0-0	0-0	0-0	0-0	0-0
18780	G	0-0	0-0	0-0	0-0	0-0
18781	G	0-0	0-0	0-0	0-0	0-0
18782	G	0-0	0-0	0-0	0-0	0-0
18783	G	0-0	0-0	0-0	0-0	0-0
18784	G	0-0	0-0	0-0	0-0	0-0
18785	G	0-0	0-0	0-0	0-0	0-0
18786	G	0-0	0-0	0-0	0-0	0-0
18787	G	0-0	0-0	0-0	0-0	0-0
18788	G	0-0	0-0	0-0	0-0	0-0
18789	G	0-0	0-0	0-0	0-0	0-0
18790	G	0-0	0-0	0-0	0-0	0-0
18791	G	0-0	0-0	0-0	0-0	0-0
18792	G	0-0	0-0	0-0	0-0	0-0
18793	G	0-0	0-0	0-0	0-0	0-0
18794	G	0-0	0-0	0-0	0-0	0-0
18795	G	0-0	0-0	0-0	0-0	0-0
18796	G	0-0	0-0	0-0	0-0	0-0
18797	G	0-0	0-0	0-0	0-0	0-0
18798	G	0-0	0-0	0-0	0-0	0-0
18799	G	0-0	0-0	0-0	0-0	0-0
18800	G	0-0	0-0	0-0	0-0	0-0
18801	G	0-0	0-0	0-0	0-0	0-0
18802	G	0-0	0-0	0-0	0-0	0-0
18803	G	0-0	0-0	0-0	0-0	0-0
18804	G	0-0	0-0	0-0	0-0	0-0
18805	G	0-0	0-0	0-0	0-0	0-0
18806	G	0-0	0-0	0-0	0-0	0-0
18807	G	0-0	0-0	0-0	0-0	0-0
18808	G	0-0	0-0	0-0	0-0	0-0
18809	G	0-0	0-0	0-0	0-0	0-0
18810	G	0-0	0-0	0-0	0-0	0-0
18811	G	0-0	0-0	0-0	0-0	0-0
18812	G	0-0	0-0	0-0	0-0	0-0
18813	G	0-0	0-0	0-0	0-0	0-0
18814	G	0-0	0-0	0-0	0-0	0-0
18815	G	0-0	0-0	0-0	0-0	0-0
18816	G	0-0	0-0	0-0	0-0	0-0
18817	G	0-0	0-0	0-0	0-0	0-0
18818	G	0-0	0-0	0-0	0-0	0-0
18819	G	0-0	0-0	0-0	0-0	0-0
18820	G	0-0	0-0	0-0	0-0	0-0
18821	G	0-0	0-0	0-0	0-0	0-0
18822	G	0-0	0-0	0-0	0-0	0-0
18823	G	0-0	0-0	0-0	0-0	0-0
18824	G	0-0	0-0	0-0	0-0	0-0
18825	G	0-0	0-0	0-0	0-0	0-0
18826	G	0-0	0-0	0-0	0-0	0-0
18827	G	0-0	0-0	0-0	0-0	0-0
18828	G	0-0	0-0	0-0	0-0	0-0
18829	G	0-0	0-0	0-0	0-0	0-0
18830	G	0-0	0-0	0-0	0-0	0-0
18831	G	0-0	0-0	0-0	0-0	0-0
18832	G	0-0	0-0	0-0	0-0	0-0
18833	G	0-0	0-0	0-0	0-0	0-0
18834	G	0-0	0-0	0-0	0-0	0-0
18835	G	0-0	0-0	0-0	0-0	0-0
18836	G	0-0	0-0	0-0	0-0	0-0
18837	G	0-0	0-0	0-0	0-0	0-0
18838	G	0-0	0-0	0-0	0-0	0-0
18839	G	0-0	0-0	0-0	0-0	0-0
18840	G	0-0	0-0	0-0	0-0	0-0
18841	G	0-0	0-0	0-0	0-0	0-0
18842	G	0-0	0-0	0-0	0-0	0-0

22701	1.631407E-01	1.713087E-01	-5.767312E-11	0.0	0.0	0.0
22702	1.346429E-01	1.796852E-01	-2.596676E-11	0.0	0.0	0.0
22703	8.146141E-01	1.796418E-01	-1.825440E-11	0.0	0.0	0.0
22704	6.567746E-01	1.723717E-01	-1.016799E-11	0.0	0.0	0.0
22721	3.227703E-02	1.426746E-01	6.638769E-11	0.0	0.0	0.0
22721	3.227703E-02	1.426746E-01	6.638769E-11	0.0	0.0	0.0
22725	3.447133E-02	1.798133E-01	-1.701311E-12	0.0	0.0	0.0
22725	3.447133E-02	1.798133E-01	-1.701311E-12	0.0	0.0	0.0
22727	2.696769E-02	1.409096E-01	5.300777E-12	0.0	0.0	0.0
22727	2.696769E-02	1.409096E-01	5.300777E-12	0.0	0.0	0.0
22729	1.897444E-02	1.484850E-01	-1.059277E-11	0.0	0.0	0.0
22729	1.897444E-02	1.484850E-01	-1.059277E-11	0.0	0.0	0.0
23001	4.476363E-02	1.118507E-01	-1.831415E-11	0.0	0.0	0.0
23001	4.476363E-02	1.118507E-01	-1.831415E-11	0.0	0.0	0.0
23003	3.623746E-02	1.610179E-01	-1.342790E-11	0.0	0.0	0.0
23003	3.623746E-02	1.610179E-01	-1.342790E-11	0.0	0.0	0.0
23007	1.716749E-02	1.696657E-01	-1.561245E-11	0.0	0.0	0.0
23009	8.546863E-03	1.618580E-01	-2.325214E-11	0.0	0.0	0.0
23021	6.160328E-02	1.507230E-01	-2.606437E-11	0.0	0.0	0.0
23021	6.160328E-02	1.507230E-01	-2.606437E-11	0.0	0.0	0.0
23029	3.554497E-02	1.374757E-01	-1.195146E-11	0.0	0.0	0.0
23029	3.554497E-02	1.374757E-01	-1.195146E-11	0.0	0.0	0.0
23029	1.239624E-02	1.226950E-01	-2.148266E-11	0.0	0.0	0.0
23041	3.040368E-02	1.112974E-01	-2.843457E-11	0.0	0.0	0.0
23041	3.040368E-02	1.112974E-01	-2.843457E-11	0.0	0.0	0.0
23045	2.456925E-02	2.761778E-02	-1.123391E-11	0.0	0.0	0.0
23045	2.456925E-02	2.761778E-02	-1.123391E-11	0.0	0.0	0.0
23049	1.747276E-02	1.598876E-02	-2.477935E-11	0.0	0.0	0.0
23049	1.747276E-02	1.598876E-02	-2.477935E-11	0.0	0.0	0.0
25061	3.337633E-02	9.081333E-04	-2.986441E-11	0.0	0.0	0.0
25065	3.702134E-02	5.440194E-02	-1.165935E-11	0.0	0.0	0.0
25065	3.702134E-02	5.440194E-02	-1.165935E-11	0.0	0.0	0.0
25069	5.309762E-02	5.922942E-02	-2.845033E-11	0.0	0.0	0.0
25069	5.309762E-02	5.922942E-02	-2.845033E-11	0.0	0.0	0.0
26801	2.258874E-02	6.338567E-02	-3.120762E-11	0.0	0.0	0.0
26809	6.901091E-02	1.121913E-01	-9.056254E-12	0.0	0.0	0.0
26821	3.644644E-02	1.175393E-01	-1.564489E-11	0.0	0.0	0.0
26821	3.644644E-02	1.175393E-01	-1.564489E-11	0.0	0.0	0.0
26829	8.754209E-03	6.837630E-02	-5.892404E-12	0.0	0.0	0.0
26829	8.754209E-03	6.837630E-02	-5.892404E-12	0.0	0.0	0.0
26841	2.990939E-02	7.029378E-02	-1.233587E-11	0.0	0.0	0.0
26841	2.990939E-02	7.029378E-02	-1.233587E-11	0.0	0.0	0.0
26845	2.180273E-02	7.194068E-02	-2.141702E-11	0.0	0.0	0.0
26845	2.180273E-02	7.194068E-02	-2.141702E-11	0.0	0.0	0.0
26849	9.379834E-04	-3.338658E-02	-5.687657E-12	0.0	0.0	0.0
26849	9.379834E-04	-3.338658E-02	-5.687657E-12	0.0	0.0	0.0
26861	3.972505E-02	2.261787E-02	-2.074354E-11	0.0	0.0	0.0
26861	3.972505E-02	2.261787E-02	-2.074354E-11	0.0	0.0	0.0
26865	7.707471E-02	-1.012613E-01	5.467486E-12	0.0	0.0	0.0
26865	7.707471E-02	-1.012613E-01	5.467486E-12	0.0	0.0	0.0
26869	4.315214E-02	1.169056E-01	-8.536655E-12	0.0	0.0	0.0
26869	4.315214E-02	1.169056E-01	-8.536655E-12	0.0	0.0	0.0
26921	3.973076E-02	-1.020013E-01	-1.925644E-11	0.0	0.0	0.0
26921	3.973076E-02	-1.020013E-01	-1.925644E-11	0.0	0.0	0.0
26925	1.411753E-02	-7.361793E-03	-5.032129E-12	0.0	0.0	0.0
26925	1.411753E-02	-7.361793E-03	-5.032129E-12	0.0	0.0	0.0
26929	3.445685E-02	-3.424911E-02	-5.366686E-12	0.0	0.0	0.0
26929	3.445685E-02	-3.424911E-02	-5.366686E-12	0.0	0.0	0.0
26941	0.0	-1.47739E-01	-5.321160E-12	0.0	0.0	0.0
26941	0.0	-1.47739E-01	-5.321160E-12	0.0	0.0	0.0
26949	3.299855E-02	-1.146441E-01	-1.496973E-11	0.0	0.0	0.0
26949	3.299855E-02	-1.146441E-01	-1.496973E-11	0.0	0.0	0.0
26961	9.320918E-03	-1.147690E-01	-1.970247E-12	0.0	0.0	0.0
26961	9.320918E-03	-1.147690E-01	-1.970247E-12	0.0	0.0	0.0
26965	6.315470E-02	-1.926835E-01	-5.569093E-12	0.0	0.0	0.0
26965	6.315470E-02	-1.926835E-01	-5.569093E-12	0.0	0.0	0.0
30045	1.408930E-03	-1.166446E-01	-1.312333E-11	0.0	0.0	0.0
30045	1.408930E-03	-1.166446E-01	-1.312333E-11	0.0	0.0	0.0
31745	4.264911E-03	-1.605833E-01	-5.331106E-12	0.0	0.0	0.0
31745	4.264911E-03	-1.605833E-01	-5.331106E-12	0.0	0.0	0.0
33845	6.266590E-03	-2.305745E-01	5.647448E-12	0.0	0.0	0.0
33845	6.266590E-03	-2.305745E-01	5.647448E-12	0.0	0.0	0.0
35945	6.768434E-03	-2.185669E-01	1.072213E-11	0.0	0.0	0.0
35945	6.768434E-03	-2.185669E-01	1.072213E-11	0.0	0.0	0.0
40141	2.986295E-01	-2.307291E-01	1.431917E-11	0.0	0.0	0.0
40141	2.986295E-01	-2.307291E-01	1.431917E-11	0.0	0.0	0.0
40142	1.651705E-01	-1.520545E-01	1.000200E-11	0.0	0.0	0.0
40142	1.651705E-01	-1.520545E-01	1.000200E-11	0.0	0.0	0.0
40143	6.210592E-02	-1.520545E-01	5.862537E-11	0.0	0.0	0.0
40143	6.210592E-02	-1.520545E-01	5.862537E-11	0.0	0.0	0.0
40145	8.386004E-03	-1.520393E-01	2.804143E-11	0.0	0.0	0.0
40145	8.386004E-03	-1.520393E-01	2.804143E-11	0.0	0.0	0.0
40147	4.465926E-02	-1.520533E-01	1.543399E-11	0.0	0.0	0.0
40147	4.465926E-02	-1.520533E-01	1.543399E-11	0.0	0.0	0.0
40148	1.387380E-01	-1.520533E-01	4.027607E-12	0.0	0.0	0.0
40148	1.387380E-01	-1.520533E-01	4.027607E-12	0.0	0.0	0.0
40149	2.585937E-01	-1.520533E-01	1.056052E-11	0.0	0.0	0.0
40149	2.585937E-01	-1.520533E-01	1.056052E-11	0.0	0.0	0.0
42245	6.144345E-03	-7.944857E-02	-2.772322E-11	0.0	0.0	0.0
42245	6.144345E-03	-7.944857E-02	-2.772322E-11	0.0	0.0	0.0
44345	1.331897E-03	7.062918E-02	6.437087E-12	0.0	0.0	0.0
44345	1.331897E-03	7.062918E-02	6.437087E-12	0.0	0.0	0.0
45245	1.553523E-03	1.375484E-01	2.315997E-12	0.0	0.0	0.0
45245	1.553523E-03	1.375484E-01	2.315997E-12	0.0	0.0	0.0
46445	5.936675E-01	2.321461E-01	-3.080335E-12	0.0	0.0	0.0
46445	5.936675E-01	2.321461E-01	-3.080335E-12	0.0	0.0	0.0
48045	9.889609E-02	2.157075E-01	-1.369244E-11	0.0	0.0	0.0
48045	9.889609E-02	2.157075E-01	-1.369244E-11	0.0	0.0	0.0
48845	1.506997E-01	2.555434E-01	-1.905594E-11	0.0	0.0	0.0
48845	1.506997E-01	2.555434E-01	-1.905594E-11	0.0	0.0	0.0
49745	2.044620E-01	1.837298E-01	-2.459792E-11	0.0	0.0	0.0
49745	2.044620E-01	1.837298E-01	-2.459792E-11	0.0	0.0	0.0
52645	2.584714E-01	1.637719E-01	-1.018057E-11	0.0	0.0	0.0
52645	2.584714E-01	1.637719E-01	-1.018057E-11	0.0	0.0	0.0
51545	3.123374E-01	1.303631E-01	-3.573224E-11	0.0	0.0	0.0
51545	3.123374E-01	1.303631E-01	-3.573224E-11	0.0	0.0	0.0
53045	3.676073E-01	-4.464453E-12	-3.901291E-11	0.0	0.0	0.0
53045	3.676073E-01	-4.464453E-12	-3.901291E-11	0.0	0.0	0.0

619.2	4.841828E-02	5.351363E-02	1.179515E-01	2.051064E-04	3.107691E-04	-3.970955E-03
619.3	5.37761E-02	5.37761E-02	1.179515E-01	2.051064E-04	3.107691E-04	-6.243691E-04
619.4	4.404394E-02	5.40221E-02	1.179515E-01	2.051064E-04	3.107691E-04	3.688874E-03
619.5	4.474213E-02	4.56964E-02	1.158327E-01	-1.894252E-05	-2.679194E-04	-2.226319E-03
619.6	4.505089E-02	4.567210E-02	1.158327E-01	-1.894252E-05	-2.679194E-04	-2.63075E-04
619.7	5.224444E-02	6.497329E-02	1.435842E-01	-8.046694E-03	1.085654E-03	2.918388E-03
619.8	5.128906E-02	5.789221E-02	1.435842E-01	-8.046694E-03	1.085654E-03	6.102913E-04
619.9	5.040968E-02	5.137439E-02	1.435842E-01	-8.046694E-03	1.085654E-03	3.225929E-04
6192.0	4.486278E-02	4.194225E-02	1.435477E-01	-7.703949E-03	1.011633E-03	5.46047E-04
6192.1	4.114301E-02	3.670356E-02	1.435477E-01	-7.703949E-03	1.011633E-03	4.700718E-04
6192.2	4.054954E-02	2.488452E-02	1.435477E-01	-7.703949E-03	1.011633E-03	7.021006E-04
6192.3	3.918917E-02	4.507619E-02	5.042802E-02	3.074358E-03	2.156868E-03	7.223769E-04
6192.4	5.239050E-02	4.704178E-02	5.042802E-02	3.074358E-03	2.156868E-03	5.975556E-05
6192.5	4.463616E-02	4.919383E-02	1.132712E-01	0.0	0.0	4.145061E-04
6192.6	4.154214E-02	5.724707E-02	1.132712E-01	0.0	0.0	-5.526931E-04
6192.7	4.749341E-02	5.274077E-02	1.132712E-01	0.0	0.0	0.0
6192.8	4.351500E-02	3.281714E-02	1.119689E-01	-2.275959E-03	1.714196E-04	-6.305180E-05
6192.9	4.951028E-02	5.586250E-02	1.071309E-01	-6.276257E-03	0.0	-5.079463E-06
6222.0	4.298775E-02	3.948256E-02	1.066017E-01	-8.134623E-03	9.180635E-04	0.0
6222.1	4.050944E-02	2.716669E-02	1.067089E-01	-7.148647E-03	2.310888E-03	5.473143E-04
6222.2	4.261282E-02	4.664563E-02	7.040375E-02	-8.55095E-05	2.565115E-03	1.427688E-04
6222.3	3.822422E-02	4.717600E-02	7.040375E-02	-8.55095E-05	2.565115E-03	-4.394741E-04
6222.4	4.887543E-02	7.125717E-02	8.329093E-02	0.0	0.0	0.0
6222.5	4.154214E-02	5.677446E-02	8.329093E-02	0.0	0.0	0.0
6222.6	4.749341E-02	7.299779E-02	8.329093E-02	0.0	0.0	0.0
6222.7	4.351500E-02	3.281714E-02	7.520944E-02	0.0	0.0	0.0
6222.8	4.951028E-02	5.586250E-02	7.520944E-02	0.0	0.0	0.0
6222.9	4.298775E-02	3.948256E-02	6.151571E-02	0.0	0.0	0.0
6223.0	4.050944E-02	2.716669E-02	6.151571E-02	0.0	0.0	0.0
6223.1	4.261282E-02	4.664563E-02	5.296075E-02	0.0	0.0	0.0
6223.2	3.822422E-02	4.717600E-02	5.296075E-02	0.0	0.0	0.0
6223.3	4.887543E-02	7.125717E-02	5.296075E-02	0.0	0.0	0.0
6223.4	4.154214E-02	5.677446E-02	4.63439E-02	0.0	0.0	0.0
6223.5	4.749341E-02	7.299779E-02	4.63439E-02	0.0	0.0	0.0
6223.6	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6223.7	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6223.8	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6223.9	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6224.0	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6224.1	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6224.2	4.887543E-02	7.125717E-02	4.160662E-02	0.0	0.0	0.0
6224.3	4.154214E-02	5.677446E-02	4.160662E-02	0.0	0.0	0.0
6224.4	4.749341E-02	7.299779E-02	4.160662E-02	0.0	0.0	0.0
6224.5	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6224.6	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6224.7	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6224.8	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6224.9	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6225.0	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6225.1	4.887543E-02	7.125717E-02	4.160662E-02	0.0	0.0	0.0
6225.2	4.154214E-02	5.677446E-02	4.160662E-02	0.0	0.0	0.0
6225.3	4.749341E-02	7.299779E-02	4.160662E-02	0.0	0.0	0.0
6225.4	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6225.5	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6225.6	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6225.7	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6225.8	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6225.9	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6226.0	4.887543E-02	7.125717E-02	4.160662E-02	0.0	0.0	0.0
6226.1	4.154214E-02	5.677446E-02	4.160662E-02	0.0	0.0	0.0
6226.2	4.749341E-02	7.299779E-02	4.160662E-02	0.0	0.0	0.0
6226.3	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6226.4	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6226.5	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6226.6	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6226.7	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6226.8	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6226.9	4.887543E-02	7.125717E-02	4.160662E-02	0.0	0.0	0.0
6227.0	4.154214E-02	5.677446E-02	4.160662E-02	0.0	0.0	0.0
6227.1	4.749341E-02	7.299779E-02	4.160662E-02	0.0	0.0	0.0
6227.2	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6227.3	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6227.4	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6227.5	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6227.6	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6227.7	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6227.8	4.887543E-02	7.125717E-02	4.160662E-02	0.0	0.0	0.0
6227.9	4.154214E-02	5.677446E-02	4.160662E-02	0.0	0.0	0.0
6228.0	4.749341E-02	7.299779E-02	4.160662E-02	0.0	0.0	0.0
6228.1	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6228.2	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6228.3	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6228.4	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6228.5	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6228.6	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6228.7	4.887543E-02	7.125717E-02	4.160662E-02	0.0	0.0	0.0
6228.8	4.154214E-02	5.677446E-02	4.160662E-02	0.0	0.0	0.0
6228.9	4.749341E-02	7.299779E-02	4.160662E-02	0.0	0.0	0.0
6229.0	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6229.1	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6229.2	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6229.3	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6229.4	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6229.5	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6229.6	4.887543E-02	7.125717E-02	4.160662E-02	0.0	0.0	0.0
6229.7	4.154214E-02	5.677446E-02	4.160662E-02	0.0	0.0	0.0
6229.8	4.749341E-02	7.299779E-02	4.160662E-02	0.0	0.0	0.0
6229.9	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6230.0	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6230.1	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6230.2	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6230.3	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6230.4	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6230.5	4.887543E-02	7.125717E-02	4.160662E-02	0.0	0.0	0.0
6230.6	4.154214E-02	5.677446E-02	4.160662E-02	0.0	0.0	0.0
6230.7	4.749341E-02	7.299779E-02	4.160662E-02	0.0	0.0	0.0
6230.8	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6230.9	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6231.0	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6231.1	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6231.2	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6231.3	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6231.4	4.887543E-02	7.125717E-02	4.160662E-02	0.0	0.0	0.0
6231.5	4.154214E-02	5.677446E-02	4.160662E-02	0.0	0.0	0.0
6231.6	4.749341E-02	7.299779E-02	4.160662E-02	0.0	0.0	0.0
6231.7	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6231.8	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6231.9	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6232.0	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6232.1	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6232.2	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6232.3	4.887543E-02	7.125717E-02	4.160662E-02	0.0	0.0	0.0
6232.4	4.154214E-02	5.677446E-02	4.160662E-02	0.0	0.0	0.0
6232.5	4.749341E-02	7.299779E-02	4.160662E-02	0.0	0.0	0.0
6232.6	4.351500E-02	3.281714E-02	4.160662E-02	0.0	0.0	0.0
6232.7	4.951028E-02	5.586250E-02	4.160662E-02	0.0	0.0	0.0
6232.8	4.298775E-02	3.948256E-02	4.160662E-02	0.0	0.0	0.0
6232.9	4.050944E-02	2.716669E-02	4.160662E-02	0.0	0.0	0.0
6233.0	4.261282E-02	4.664563E-02	4.160662E-02	0.0	0.0	0.0
6233.1	3.822422E-02	4.717600E-02	4.160662E-02	0.0	0.0	0.0
6233.2	4.887543E					



200109	6-254898E-02	7-757934E-03	2-803641E-01	-1-122538E-04	-6-211847E-04	-7-458203E-04
200114	5-742910E-02	8-740904E-03	2-850774E-01	-1-080459E-05	-7-065916E-04	-7-458203E-04
200121	5-152810E-02	9-162427E-03	2-891841E-01	8-368282E-05	-1-015764E-03	-7-458203E-04
200129	4-162791E-02	7-160310E-03	2-938775E-01	2-109389E-04	-1-042075E-03	-7-458203E-04
200137	4-873116E-02	5-374816E-03	2-938774E-01	3-048580E-04	-1-764253E-03	-7-458203E-04
200145	1-372153E-02	2-379585E-03	2-938774E-01	3-624274E-04	-1-965804E-03	-7-458203E-04
200153	-1-86869E-03	-5-741648E-04	2-938774E-01	3-808516E-04	-2-030313E-03	-7-458203E-04
200155	-6-353840E-03	-1-369849E-03	2-938774E-01	3-808516E-04	-2-030313E-03	-7-458203E-04
211001	-9-630036E-02	1-495089E-01	5-631990E-02	-5-797554E-03	1-091588E-03	-4-607568E-03
211002	6-501609E-02	9-963663E-02	-1-688239E-02	-3-569287E-03	4-926077E-04	-4-599459E-03
211073	1-023736E-01	-6-372478E-03	2-864741E-01	-1-757069E-04	-1-439193E-03	-7-458203E-04
211077	8-991458E-02	-5-372478E-03	2-890402E-01	-1-757069E-04	-1-439193E-03	-7-458203E-04
211075	9-314412E-02	-5-465859E-03	2-903157E-01	-1-757069E-04	-1-439193E-03	-7-458203E-04
211801	-9-630036E-02	-2-428139E-02	1-327859E-02	-5-797554E-03	1-091588E-03	-4-607568E-03
211802	6-501609E-02	-2-489958E-03	3-628641E-02	-3-969287E-03	4-926077E-04	-4-599459E-03
211801	4-724170E-02	2-744105E-02	3-473341E-02	-1-504210E-03	6-519869E-03	-3-500645E-03
211802	1-947847E-02	3-055306E-02	-9-962573E-03	-6-735832E-04	-1-868789E-03	-1-22125E-03
211801	9-754953E-02	2-902481E-02	-4-801564E-02	5-719925E-04	4-777502E-03	1-101066E-03
211802	1-050513E-02	3-004109E-02	-9-433635E-03	9-669603E-04	2-446815E-04	2-146640E-03
220001	-9-584615E-02	-2-028130E-01	2-228286E-01	-1-986268E-02	-6-457749E-04	-2-444808E-03
220002	6-472087E-02	-1-156707E-01	-2-282231E-01	-1-504450E-02	1-072600E-03	-1-560827E-03
222001	-3-097086E-02	1-301535E-01	1-814327E-02	-1-249948E-02	3-171344E-03	-2-473690E-03
222002	3-924588E-02	1-390258E-01	-7-457899E-02	-9-674389E-03	-3-643324E-04	-1-372351E-03
222001	1-412565E-02	1-637562E-01	9-071517E-02	3-270613E-04	2-429916E-03	-1-070270E-03
222002	2-068750E-02	1-639785E-01	4-848327E-03	6-341590E-04	1-713909E-03	-4-278037E-04
223401	-9-584615E-02	-2-383849E-01	2-318246E-01	-1-986268E-02	-6-457749E-04	-2-444808E-03
223402	6-472087E-02	-1-383808E-01	-2-438294E-01	-1-504450E-02	1-072600E-03	-1-560827E-03
520018	4-956412E-01	-4-464478E-02	3-104724E-01	4-418513E-02	6-260872E-03	3-992207E-02
520024	2-708421E-01	-4-464478E-02	-2-830804E-01	4-416939E-02	6-260872E-03	3-990936E-02
520057	1-381485E-01	-4-464785E-02	-1-359358E-01	4-711173E-02	6-260872E-03	4-239421E-02
520065	1-352777E-01	-4-464855E-02	-5-394094E-02	4-922045E-02	6-260872E-03	4-417657E-02
520068	8-876354E-02	-4-464886E-02	-8-099372E-02	5-031681E-02	6-260872E-03	4-510356E-02
520079	3-862798E-02	-4-465580E-02	-2-449730E-02	5-336123E-02	6-260872E-03	4-767849E-02
520115	-2-672912E-01	-4-470486E-02	3-199106E-01	6-738043E-02	6-260872E-03	5-955200E-02
520139	-2-917871E-01	-4-470944E-02	3-478300E-01	6-781174E-02	6-260872E-03	5-991942E-02
520152	-3-707016E-01	-4-472394E-02	4-369559E-01	6-837559E-02	6-260872E-03	6-040040E-02
520185	-5-694016E-01	-4-472394E-02	6-624581E-01	6-837559E-02	6-260872E-03	6-040040E-02

BASIC MISSION WEIGHT CONFIGURATION MASS IN GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 000

POINT NO. OF SINGLE POINT COORDINATE

POINT NO.	TYPE	U1	U2	U3	U4	U5
7071	1	0.0	0.0	0.0	0.0	0.0
7072	1	0.0	0.0	0.0	0.0	0.0
8571	2	0.0	0.0	0.0	0.0	0.0
8572	2	0.0	0.0	0.0	0.0	0.0
9341	3	0.0	0.0	0.0	0.0	0.0
9342	3	0.0	0.0	0.0	0.0	0.0
9371	3	0.0	0.0	0.0	0.0	0.0
9372	3	0.0	0.0	0.0	0.0	0.0
11571	3	0.0	0.0	0.0	0.0	0.0
11572	3	0.0	0.0	0.0	0.0	0.0
13049	3	0.0	0.0	0.0	0.0	0.0
13871	3	0.0	0.0	0.0	0.0	0.0
13872	3	0.0	0.0	0.0	0.0	0.0
15633	3	0.0	0.0	0.0	0.0	0.0
15637	3	0.0	0.0	0.0	0.0	0.0
18643	3	0.0	0.0	0.0	0.0	0.0
18647	3	0.0	0.0	0.0	0.0	0.0
19743	3	0.0	0.0	0.0	0.0	0.0
19747	3	0.0	0.0	0.0	0.0	0.0
19763	3	0.0	0.0	0.0	0.0	0.0
19765	3	0.0	0.0	0.0	0.0	0.0
19767	3	0.0	0.0	0.0	0.0	0.0
21343	3	0.0	0.0	0.0	0.0	0.0
21347	3	0.0	0.0	0.0	0.0	0.0
21465	3	0.0	0.0	0.0	0.0	0.0
24945	3	0.0	0.0	0.0	0.0	0.0
62911	3	0.0	0.0	0.0	0.0	0.0
62819	3	0.0	0.0	0.0	0.0	0.0
62821	3	0.0	0.0	0.0	0.0	0.0
62829	3	0.0	0.0	0.0	0.0	0.0
62831	3	0.0	0.0	0.0	0.0	0.0
62839	3	0.0	0.0	0.0	0.0	0.0
72811	3	0.0	0.0	0.0	0.0	0.0
72819	3	0.0	0.0	0.0	0.0	0.0
72821	3	0.0	0.0	0.0	0.0	0.0
72829	3	0.0	0.0	0.0	0.0	0.0
72931	3	0.0	0.0	0.0	0.0	0.0
72939	3	0.0	0.0	0.0	0.0	0.0

AN-12 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 6933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 0.0

F A C T O R S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	2.921023E-05	0.0	0.0	0.0	0.0
7079	G	0.0	4.098949E-05	0.0	0.0	0.0	0.0
7571	G	0.0	-7.535309E-05	0.0	0.0	0.0	0.0
8579	G	0.0	-1.073503E-04	0.0	0.0	0.0	0.0
9341	G	0.0	6.790169E-03	0.0	0.0	0.0	0.0
9349	G	0.0	4.972760E-03	0.0	0.0	0.0	0.0
9373	G	0.0	-2.635829E-13	0.0	0.0	0.0	0.0
9377	G	0.0	8.903989E-14	0.0	0.0	0.0	0.0
11571	G	0.0	3.641535E-04	0.0	0.0	0.0	0.0
11579	G	0.0	-1.679797E-03	0.0	0.0	0.0	0.0
15849	G	0.0	-8.670118E-02	0.0	0.0	0.0	0.0
15871	G	0.0	-2.075895E-03	0.0	0.0	0.0	0.0
15879	G	0.0	-2.335893E-02	0.0	0.0	0.0	0.0
15633	G	0.0	-1.781721E-01	0.0	0.0	0.0	0.0
15637	G	0.0	1.710414E-01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	0.0	0.0	0.0
18647	G	0.0	0.0	0.0	0.0	0.0	0.0
18743	G	0.0	0.0	0.0	0.0	0.0	0.0
18747	G	0.0	0.0	0.0	0.0	0.0	0.0
18763	G	0.0	0.0	0.0	0.0	0.0	0.0
18765	G	0.0	0.0	0.0	0.0	0.0	0.0
19761	G	0.0	0.0	0.0	0.0	0.0	0.0
21343	G	0.0	0.0	0.0	0.0	0.0	0.0
21347	G	0.0	0.0	0.0	0.0	0.0	0.0
21495	G	0.0	0.0	0.0	0.0	0.0	0.0
29945	G	0.0	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	0.0	0.0	0.0
62819	G	0.0	0.0	0.0	0.0	0.0	0.0
62821	G	0.0	0.0	0.0	0.0	0.0	0.0
62829	G	0.0	0.0	0.0	0.0	0.0	0.0
62831	G	0.0	0.0	0.0	0.0	0.0	0.0
62839	G	0.0	0.0	0.0	0.0	0.0	0.0
72311	G	0.0	0.0	0.0	0.0	0.0	0.0
72319	G	0.0	0.0	0.0	0.0	0.0	0.0
72321	G	0.0	0.0	0.0	0.0	0.0	0.0
72329	G	0.0	0.0	0.0	0.0	0.0	0.0
72331	G	0.0	0.0	0.0	0.0	0.0	0.0
72339	G	0.0	0.0	0.0	0.0	0.0	0.0



[illegible]

NATURAL RESOURCES AND WILDLIFE

POINT NO.	T1	T2	T3	W1	R2	R3
7074	0.0	-3.3246721-04	0.0	0.0	0.0	0.0
7075	0.0	-2.3692366-04	0.0	0.0	0.0	0.0
8571	0.0	1.0267125-03	0.0	0.0	0.0	0.0
8579	0.0	5.1986691-04	0.0	0.0	0.0	0.0
9341	-1.4944418-03	0.0	0.0	0.0	0.0	0.0
9349	1.2814368-03	0.0	0.0	0.0	0.0	0.0
9373	9.3131646-14	0.0	0.0	0.0	0.0	0.0
9377	-4.9323794-14	0.0	0.0	0.0	0.0	0.0
11571	0.0	-6.1110000-04	0.0	0.0	0.0	0.0
11574	0.0	-4.3147140-04	0.0	0.0	0.0	0.0
13845	0.0	-6.8634111-02	0.0	0.0	0.0	0.0
13871	0.0	-3.4606355-02	0.0	0.0	0.0	0.0
13879	0.0	-7.3940444-02	0.0	0.0	0.0	0.0
15633	0.0	-2.4282808-00	0.0	0.0	0.0	0.0
15637	0.0	-2.2537194-00	0.0	0.0	0.0	0.0
18645	0.0	0.0	0.0	1.2349311-15	0.0	0.0
18647	0.0	0.0	0.0	-6.9141265-13	0.0	0.0
19643	0.0	0.0	0.0	4.4225105-17	0.0	0.0
13747	0.0	0.0	0.0	1.1924558-16	0.0	0.0
19763	0.0	0.0	0.0	1.2836318-15	0.0	0.0
19765	0.0	0.0	0.0	0.0	-6.3135471-20	0.0
19767	0.0	0.0	0.0	1.4347448-15	0.0	0.0
11494	0.0	0.0	0.0	-1.6054406-16	0.0	0.0
21347	0.0	0.0	0.0	-7.43522305-16	0.0	0.0
21485	-2.4900444-03	0.0	0.0	0.0	5.7910264-04	0.0
62811	0.0	-6.4916715-06	0.0	0.0	0.0	0.0
62819	0.0	0.0	0.0	-2.33559025-13	-1.03379744-12	3.64656218-12
62821	0.0	0.0	0.0	9.22262418-14	4.03503574-13	3.7497798-12
62829	0.0	0.0	0.0	-2.03332618-14	-1.1116875-13	4.74713594-12
62831	0.0	0.0	0.0	4.4443944-14	2.6721345-13	3.11556974-12
62839	0.0	0.0	0.0	3.2689006-16	1.9531254-14	-2.02265918-13
72811	0.0	0.0	0.0	4.22226515-17	-2.663386-14	2.27744938-13
72814	0.0	0.0	0.0	-2.33559025-13	1.0333305-12	1.6454746-12
72821	0.0	0.0	0.0	9.22262418-14	4.03494054-13	3.7443398-12
72829	0.0	0.0	0.0	-2.03332618-14	1.1122075-13	4.7441173-12
72831	0.0	0.0	0.0	4.4517035-14	-2.6790505-13	3.1122384-12
72839	0.0	0.0	0.0	3.6394785-16	1.9509564-14	-2.0224258-13
72843	0.0	0.0	0.0	4.6798254-17	-2.4669566-14	2.2755554-13

AM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 9933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE 0 0.0

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-5.665901E-04	0.0	0.0	0.0	0.0
7079	G	0.0	-2.694405E-04	0.0	0.0	0.0	0.0
8571	G	0.0	1.481741E-03	0.0	0.0	0.0	0.0
8579	G	0.0	7.339513E-04	0.0	0.0	0.0	0.0
9341	G	0.0	8.496705E-03	0.0	0.0	0.0	0.0
9349	G	0.0	-5.733302E-03	0.0	0.0	0.0	0.0
9373	G	0.0	-2.093811E-15	0.0	0.0	0.0	0.0
9377	G	0.0	6.121616E-14	0.0	0.0	0.0	0.0
11571	G	0.0	-7.279016E-03	0.0	0.0	0.0	0.0
11579	G	0.0	-1.274359E-02	0.0	0.0	0.0	0.0
13849	G	0.0	-3.450867E-01	0.0	0.0	0.0	0.0
13871	G	0.0	-6.414676E-02	0.0	0.0	0.0	0.0
13879	G	0.0	-1.723200E-01	0.0	0.0	0.0	0.0
15433	G	0.0	-5.316943E 00	0.0	0.0	0.0	0.0
15837	G	0.0	-5.257911E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	1.564590E-15	0.0	0.0
18647	G	0.0	0.0	0.0	-3.639631E-12	0.0	0.0
19743	G	0.0	0.0	0.0	1.001509E-16	0.0	0.0
19747	G	0.0	0.0	0.0	-1.028951E-15	0.0	0.0
19763	G	0.0	0.0	0.0	2.919297E-15	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-2.306011E-07	0.0
19767	G	0.0	0.0	0.0	-1.649305E-14	0.0	0.0
21343	G	0.0	0.0	0.0	-4.958969E-16	0.0	0.0
21347	G	0.0	0.0	0.0	-8.888114E-16	0.0	0.0
21865	G	0.0	0.0	0.0	0.0	7.005730E-08	0.0
29445	G	0.0	-6.193460E-08	0.0	0.0	0.0	0.0
62811	G	0.0	4.208327E-06	0.0	1.155100E-13	5.054600E-13	-1.775409E-12
62819	G	0.0	0.0	0.0	-4.11039E-14	-1.972890E-13	-1.824950E-12
62821	G	0.0	0.0	0.0	9.354662E-15	5.420330E-14	-2.309594E-12
62829	G	0.0	0.0	0.0	-2.225858E-14	-1.309047E-13	-3.94387E-12
62831	G	0.0	0.0	0.0	8.073293E-16	-9.740584E-15	1.010590E-13
62839	G	0.0	0.0	0.0	1.008000E-16	1.198324E-14	-1.105114E-13
72811	G	0.0	0.0	0.0	1.155307E-13	-5.058820E-13	-1.775847E-12
72819	G	0.0	0.0	0.0	-4.409045E-14	1.972639E-13	-1.824690E-12
72821	G	0.0	0.0	0.0	9.350197E-15	-5.422204E-14	-2.309754E-12
72829	G	0.0	0.0	0.0	-2.222330E-14	1.308414E-13	-3.94875E-12
72831	G	0.0	0.0	0.0	8.098968E-16	9.798264E-15	1.716574E-13
72839	G	0.0	0.0	0.0	1.108668E-16	-1.197804E-14	-1.104634E-13

AM-10 THREE-DIMENSIONAL BULLET-UP DYNAMIC WEIGHT CONFIGURATION - 8933 (1) CROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

FREQUENCY #		F I R E S O F S I M U L A C - P O I N T A N D S Y M B O L I C									
		11	12	13	14	15	16	17	18	19	20
1	7.71	0.0	1.088437E-06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	7.79	0.0	1.088437E-06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	8.571	0.0	-2.915440E-06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	8.574	0.0	-6.919049E-06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	9.341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	9.349	0.0	-4.345324E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	9.373	0.0	9.654481E-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	9.377	0.0	1.754152E-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	11.571	0.0	2.409134E-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	11.574	0.0	8.712037E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	11.579	0.0	-6.262516E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	11.579	0.0	-1.313450E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	13.71	0.0	-1.256910E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	13.79	0.0	-9.712110E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	15.833	0.0	3.11516E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	15.837	0.0	2.409414E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	16.433	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	16.447	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	17.443	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	17.447	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	19.763	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	19.765	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	19.767	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	21.343	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	21.347	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	21.345	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	29.945	0.0	-2.365324E-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	29.945	0.0	-2.291891E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	62.811	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	62.819	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	62.811	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	62.829	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	62.831	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	62.839	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	72.811	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	72.819	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	72.821	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	72.824	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	72.831	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	72.839	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

AM-1G THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14  
BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

# NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 0.0

## FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	5.288375F-06	0.0	0.0	0.0	0.0
7079	G	0.0	8.88886E-05	0.0	0.0	0.0	0.0
8571	G	0.0	-1.389525E-05	0.0	0.0	0.0	0.0
8579	G	0.0	-2.330921E-04	0.0	0.0	0.0	0.0
9341	G	0.0	0.0	0.0	0.0	0.0	0.0
9349	G	0.0	6.473531E-03	0.0	0.0	0.0	0.0
9373	G	0.0	-8.467396E-05	0.0	0.0	0.0	0.0
9377	G	0.0	-1.962874E-13	0.0	0.0	0.0	0.0
11571	G	0.0	2.338130E-13	0.0	0.0	0.0	0.0
11579	G	0.0	-1.936596E-04	0.0	0.0	0.0	0.0
13869	G	0.0	-3.294130E-03	0.0	0.0	0.0	0.0
13871	G	-2.309422E-01	0.0	0.0	0.0	0.0	0.0
13879	G	0.0	3.081468E-03	0.0	0.0	0.0	0.0
15633	G	0.0	-7.101619E-02	0.0	0.0	0.0	0.0
15637	G	0.0	-1.351307E 00	0.0	0.0	0.0	0.0
18643	G	0.0	-1.478214E 00	0.0	0.0	0.0	0.0
18647	G	0.0	0.0	0.0	-4.818033E-12	0.0	0.0
19743	G	0.0	0.0	0.0	-9.870882E-11	0.0	0.0
19747	G	0.0	0.0	0.0	-9.601830E-14	0.0	0.0
19763	G	0.0	0.0	0.0	-6.282392E-12	0.0	0.0
19765	G	0.0	0.0	0.0	-2.685225E-12	0.0	0.0
21343	G	0.0	0.0	0.0	0.0	-3.441318E-08	0.0
21347	G	0.0	0.0	0.0	-1.005183E-10	0.0	0.0
21485	G	0.0	0.0	0.0	-6.029518E-12	0.0	0.0
29965	G	-1.813451E-08	0.0	0.0	-1.005203E-10	0.0	0.0
62811	G	-4.913330E-03	0.0	0.0	0.0	-4.951058E-09	0.0
62819	G	0.0	0.0	0.0	0.0	0.0	-5.791677E-13
62821	G	0.0	0.0	0.0	-3.910774E-13	2.623005E-13	-5.628230E-13
62829	G	0.0	0.0	0.0	-6.248735E-13	3.259286E-14	-7.353474E-13
62831	G	0.0	0.0	0.0	3.046404E-13	-3.213309E-14	-1.209166E-12
62839	G	0.0	0.0	0.0	-8.310051E-13	3.310464E-13	3.967593E-14
72819	G	0.0	0.0	0.0	-3.949019E-13	-3.826171E-15	-4.686785E-14
72819	G	0.0	0.0	0.0	-5.482139E-14	4.865224E-15	-2.881163E-13
72829	G	0.0	0.0	0.0	-9.024225E-13	-7.238364E-15	-8.985857E-13
72831	G	0.0	0.0	0.0	-3.905997E-13	1.333586E-14	-6.453423E-13
72839	G	0.0	0.0	0.0	-2.745371E-13	6.764251E-14	-1.431463E-12
72839	G	0.0	0.0	0.0	-7.962881E-13	6.821041E-14	-2.357699E-14
72839	G	0.0	0.0	0.0	-3.968932E-13	2.272473E-15	-2.542052E-14
72839	G	0.0	0.0	0.0	-5.481589E-14	-2.648030E-15	-2.542052E-14

NATURAL FREQUENCIES AND MODES  
 EIGENVALUE # 0.007838

POINTS OF SINGLE POINT CONSTRAINT

POINT NO.	1021	11	12	13	R1	R2	R3
1071	0.0	-1.19401E-03	0.0	0.0	0.0	0.0	0.0
1076	0.0	1.37000E-03	0.0	0.0	0.0	0.0	0.0
1571	0.0	3.12829E-03	0.0	0.0	0.0	0.0	0.0
1574	0.0	-3.57629E-03	0.0	0.0	0.0	0.0	0.0
1931	0.0	5.67975E-03	0.0	0.0	0.0	0.0	0.0
1934	0.0	7.56947E-03	0.0	0.0	0.0	0.0	0.0
1937	0.0	3.34871E-03	0.0	0.0	0.0	0.0	0.0
1937	0.0	4.00000E-03	0.0	0.0	0.0	0.0	0.0
11571	0.0	8.70894E-03	0.0	0.0	0.0	0.0	0.0
11572	0.0	5.71380E-02	0.0	0.0	0.0	0.0	0.0
1346	-2.62899E-01	0.0	0.0	0.0	0.0	0.0	0.0
1347	0.0	4.39123E-02	0.0	0.0	0.0	0.0	0.0
1347	0.0	-2.20482E-01	0.0	0.0	0.0	0.0	0.0
15633	0.0	1.03339E-01	0.0	0.0	0.0	0.0	0.0
15637	0.0	-3.23494E-01	0.0	0.0	0.0	0.0	0.0
18643	0.0	0.0	0.0	0.0	1.44850E-13	0.0	0.0
18647	0.0	0.0	0.0	0.0	-2.34605E-12	0.0	0.0
19743	0.0	0.0	0.0	0.0	-5.56622E-13	0.0	0.0
19747	0.0	0.0	0.0	0.0	1.70493E-13	0.0	0.0
19763	0.0	0.0	0.0	0.0	-1.08032E-13	0.0	0.0
19765	0.0	0.0	0.0	0.0	0.0	-4.28256E-03	0.0
19767	0.0	0.0	0.0	0.0	2.66652E-12	0.0	0.0
21343	0.0	0.0	0.0	0.0	5.58018E-13	0.0	0.0
21347	0.0	0.0	0.0	0.0	5.05209E-12	0.0	0.0
21347	0.0	0.0	0.0	0.0	0.0	-3.47475E-03	0.0
29945	-1.47915E-01	0.0	0.0	0.0	0.0	0.0	0.0
29945	-1.43042E-02	0.0	0.0	0.0	0.0	0.0	0.0
62811	0.0	0.0	0.0	0.0	2.00254E-15	-1.30959E-13	4.35432E-13
62819	0.0	0.0	0.0	0.0	2.45175E-14	-1.68123E-14	-9.83640E-14
62821	0.0	0.0	0.0	0.0	-2.24354E-14	-1.73346E-14	1.19905E-13
62829	0.0	0.0	0.0	0.0	2.90035E-14	-4.16281E-14	5.69203E-14
62831	0.0	0.0	0.0	0.0	1.40649E-14	5.18000E-16	-5.17427E-15
62834	0.0	0.0	0.0	0.0	1.51149E-15	-1.47364E-15	1.35901E-14
72811	0.0	0.0	0.0	0.0	2.66305E-14	-1.29192E-13	-4.21589E-13
72814	0.0	0.0	0.0	0.0	2.64919E-15	-1.36353E-14	1.25330E-13
72814	0.0	0.0	0.0	0.0	5.21313E-15	-2.16317E-14	-1.12993E-13
72829	0.0	0.0	0.0	0.0	5.57000E-14	-8.73827E-14	-1.07166E-14
72831	0.0	0.0	0.0	0.0	1.44515E-14	2.53999E-15	2.64421E-14
72839	0.0	0.0	0.0	0.0	2.59673E-15	-1.18601E-15	-1.03615E-14

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 4.359758E 02

FORCES OF SINGLE-POINT CONSTRAINT									
POINT ID.	TYPE	T1	T2	T3	R1	R2	R3		
7071	G	0.0	1.986582E-03	0.0	0.0	0.0	0.0		
7079	G	0.0	2.020458E-03	0.0	0.0	0.0	0.0		
8571	G	0.0	-5.202938E-03	0.0	0.0	0.0	0.0		
8579	G	0.0	-5.371317E-03	0.0	0.0	0.0	0.0		
9341	G	-3.398409E-02	0.0	0.0	0.0	0.0	0.0		
9349	G	5.268026E-03	0.0	0.0	0.0	0.0	0.0		
9373	G	6.430967E-14	0.0	0.0	0.0	0.0	0.0		
9377	G	-2.955414E-13	0.0	0.0	0.0	0.0	0.0		
11571	G	0.0	4.083687E-02	0.0	0.0	0.0	0.0		
11579	G	0.0	8.871526E-03	0.0	0.0	0.0	0.0		
13859	G	3.443641E-01	0.0	0.0	0.0	0.0	0.0		
13871	G	0.0	1.363986E-01	0.0	0.0	0.0	0.0		
13879	G	0.0	2.445096E-01	0.0	0.0	0.0	0.0		
15633	G	0.0	-1.105636E-01	0.0	0.0	0.0	0.0		
15637	G	0.0	-1.121766E-01	0.0	0.0	0.0	0.0		
18643	G	0.0	0.0	0.0	-1.428443E-11	0.0	0.0		
18647	G	0.0	0.0	0.0	5.076081E-11	0.0	0.0		
19743	G	0.0	0.0	0.0	-2.833536E-13	0.0	0.0		
19747	G	0.0	0.0	0.0	1.930576E-12	0.0	0.0		
19763	G	0.0	0.0	0.0	-7.931545E-12	0.0	0.0		
19765	G	0.0	0.0	0.0	0.0	-1.230803E-04	0.0		
19767	G	0.0	0.0	0.0	3.0. 4425E-11	0.0	0.0		
21343	G	0.0	0.0	0.0	-1.7. 3582E-11	0.0	0.0		
21347	G	0.0	0.0	0.0	0.0	0.0	0.0		
21485	G	-5.149775E-06	0.0	0.0	4.632716E-11	-9.719681E-05	0.0		
29945	G	2.7639E-04	0.0	0.0	0.0	0.0	0.0		
42811	G	0.0	0.0	0.0	-1.216216E-12	3.263196E-13	-1.449662E-13		
42819	G	0.0	0.0	0.0	-1.222549E-12	5.437950E-14	-1.966349E-12		
42821	G	0.0	0.0	0.0	9.049095E-13	-1.448/87E-13	-1.740849E-12		
42829	G	0.0	0.0	0.0	-2.441874E-12	1.080170E-13	-3.431027E-12		
42831	G	0.0	0.0	0.0	-1.199756E-12	-7.659451E-15	7.466714E-14		
42839	G	0.0	0.0	0.0	-1.655161E-13	9.595335E-15	-8.668955E-14		
72811	G	0.0	0.0	0.0	-1.215182E-12	-3.416315E-13	-2.188788E-13		
72819	G	0.0	0.0	0.0	-1.224230E-12	-5.680626E-14	-1.749409E-12		
72821	G	0.0	0.0	0.0	9.087403E-13	1.626475E-13	-1.749409E-12		
72829	G	0.0	0.0	0.0	-2.449055E-12	-1.195704E-13	-3.444943E-12		
72831	G	0.0	0.0	0.0	-1.199749E-12	7.900405E-15	8.196704E-14		
72839	G	0.0	0.0	0.0	-1.654834E-13	-9.723070E-15	-8.966764E-14		



AW-1G THREE-DIMENSIONAL BUILT-UP DYNAMIC MOD. L - FILE 14 - GEN 3  
BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 2.469902E-03

F U R C E S U F S I N G L E P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	9.924851E-03	0.0	0.0	0.0	0.0
7079	G	0.0	-8.733772E-03	0.0	0.0	0.0	0.0
8571	G	0.0	-2.591131E-02	0.0	0.0	0.0	0.0
8579	G	0.0	2.279226E-02	0.0	0.0	0.0	0.0
9341	G	-7.328260E-02	0.0	0.0	0.0	0.0	0.0
9349	G	-6.889802E-02	0.0	0.0	0.0	0.0	0.0
9373	G	-1.674789E-13	0.0	0.0	0.0	0.0	0.0
9377	G	-3.377298E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-1.746244E-03	0.0	0.0	0.0	0.0
11579	G	0.0	-3.532767E-01	0.0	0.0	0.0	0.0
13049	G	-1.464013E 00	0.0	0.0	0.0	0.0	0.0
13071	G	0.0	9.490840E-03	0.0	0.0	0.0	0.0
13079	G	0.0	-2.138039E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-6.576413E 00	0.0	0.0	0.0	0.0
15637	G	0.0	6.307951E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-2.139626E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-1.012601E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-8.394107E-16	0.0	0.0
19747	G	0.0	0.0	0.0	-9.003481E-13	0.0	0.0
19763	G	0.0	0.0	0.0	-4.025814E-14	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	1.150418E-03	0.0
19767	G	0.0	0.0	0.0	-1.439806E-11	0.0	0.0
21343	G	0.0	0.0	0.0	-2.102629E-13	0.0	0.0
21347	G	0.0	0.0	0.0	-1.849383E-11	0.0	0.0
21805	G	0.0	0.0	0.0	0.0	3.228341E-04	0.0
29845	G	3.421308E-05	0.0	0.0	0.0	0.0	0.0
62011	G	-2.727186E-02	0.0	0.0	0.0	0.0	0.0
62019	G	0.0	0.0	0.0	-1.132283E-14	1.721616E-13	-5.662747E-13
62021	G	0.0	0.0	0.0	-4.350374E-14	1.149640E-14	1.419381E-14
62029	G	0.0	0.0	0.0	5.325172E-14	1.619182E-14	-2.482483E-13
62031	G	0.0	0.0	0.0	-6.445295E-14	9.803166E-14	-2.277612E-13
62039	G	0.0	0.0	0.0	-2.859374E-14	-3.104999E-15	3.221450E-14
72011	G	0.0	0.0	0.0	-3.561919E-15	1.880084E-15	-1.733842E-14
72019	G	0.0	0.0	0.0	-5.335674E-15	9.192283E-14	3.109872E-13
72021	G	0.0	0.0	0.0	3.235698E-15	4.433373E-14	-3.837979E-13
72029	G	0.0	0.0	0.0	-2.162101E-14	1.429974E-14	-1.779307E-13
72031	G	0.0	0.0	0.0	-5.334993E-15	1.233079E-13	-5.548429E-13
72039	G	0.0	0.0	0.0	-3.076445E-15	7.269921E-16	7.542571E-15
72043	G	0.0	0.0	0.0	-7.515450E-16	-8.932412E-17	-8.237601E-16



AM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 4331 LBS. 100% WEIGHT  
 NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # R.380190E OR

JULY 29, 1974 NASDAQ 11/22/73

6 D A C E S 24 SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	5	0.0	-5.191294E-03	0.0	0.0	0.0	0.0
7079	5	0.0	5.753331E-03	0.0	0.0	0.0	0.0
9571	5	0.0	1.354375E-02	0.0	0.0	0.0	0.0
9579	5	0.0	-1.509706E-02	0.0	0.0	0.0	0.0
9341	5	0.0	2.494966E-02	0.0	0.0	0.0	0.0
9349	5	0.0	4.236571E-02	0.0	0.0	0.0	0.0
9373	5	0.0	-1.313390E-14	0.0	0.0	0.0	0.0
9377	5	0.0	8.590351E-15	0.0	0.0	0.0	0.0
11571	5	0.0	1.477159E-02	0.0	0.0	0.0	0.0
11579	5	0.0	2.145657E-01	0.0	0.0	0.0	0.0
13449	5	0.0	5.048332E-01	0.0	0.0	0.0	0.0
13571	5	0.0	1.104937E-01	0.0	0.0	0.0	0.0
13879	5	0.0	-5.367105E-02	0.0	0.0	0.0	0.0
15643	5	0.0	-1.075573E-00	0.0	0.0	0.0	0.0
15647	5	0.0	1.785809E-00	0.0	0.0	0.0	0.0
16643	5	0.0	0.0	-2.991164E-14	0.0	0.0	0.0
16647	5	0.0	0.0	5.108462E-13	0.0	0.0	0.0
19743	5	0.0	0.0	-2.284473E-16	0.0	0.0	0.0
19747	5	0.0	0.0	1.262670E-14	0.0	0.0	0.0
19763	5	0.0	0.0	-6.644653E-15	0.0	0.0	0.0
19765	5	0.0	0.0	0.0	1.414258E-05	0.0	0.0
19767	5	0.0	0.0	2.020424E-13	0.0	0.0	0.0
21343	5	0.0	0.0	2.431247E-14	0.0	0.0	0.0
21347	5	0.0	0.0	-4.174679E-13	0.0	0.0	0.0
21485	5	0.0	0.0	0.0	2.279348E-05	0.0	0.0
29945	5	0.0	-2.597232E-07	0.0	0.0	0.0	0.0
62811	5	0.0	1.272370E-04	0.0	0.0	0.0	0.0
62419	5	0.0	0.0	4.125037E-15	3.233646E-14	-1.110973E-13	-9.218559E-14
62421	5	0.0	0.0	-4.926931E-15	-9.352759E-15	-9.218559E-14	-1.213255E-13
62829	5	0.0	0.0	7.266669E-15	3.585321E-15	-1.213255E-13	-2.225599E-13
62931	5	0.0	0.0	-4.134249E-15	-2.359554E-15	7.204226E-13	-6.968449E-15
62839	5	0.0	0.0	5.319501E-16	-7.501636E-16	-5.892778E-15	-1.951735E-14
72811	5	0.0	0.0	9.336063E-17	7.547776E-16	1.706422E-14	-7.548011E-14
72819	5	0.0	0.0	-2.098723E-16	-5.892778E-15	7.490355E-16	-1.666419E-14
72821	5	0.0	0.0	-1.622557E-15	1.706422E-14	-1.666419E-14	-1.326474E-14
72829	5	0.0	0.0	3.499109E-15	7.490355E-16	-1.326474E-14	-2.612717E-15
72831	5	0.0	0.0	-6.307034E-15	1.706422E-14	-2.612717E-15	-2.612717E-15
72839	5	0.0	0.0	-3.925296E-15	-2.612717E-15	-2.612717E-15	-2.612717E-15

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 8.954926E 03

POINT ID.		TYPE		F J R C E S U F S I N G L E - P O I N T C O N S T R A I N T									
				T1	T2	T3	R1	R2	R3				
7071	G	G	0.0	0.0	-2.493280E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7079	G	G	0.0	0.0	1.387459E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8571	G	G	0.0	0.0	6.402131E-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8579	G	G	0.0	0.0	-3.034382E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9341	G	G	-2.755713E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9349	G	G	1.325284E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9373	G	G	2.528949E-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9377	G	G	-3.778979E-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11571	G	G	0.0	0.0	2.756469E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11579	G	G	0.0	0.0	-7.482380E-02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13849	G	G	8.262431E-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13871	G	G	0.0	0.0	1.289395E 00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13879	G	G	0.0	0.0	1.871207E 00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15633	G	G	0.0	0.0	1.349784E 01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15637	G	G	0.0	0.0	9.846911E 00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18643	G	G	0.0	0.0	0.0	0.0	-3.545626E-12	0.0	0.0	0.0	0.0	0.0	0.0
18647	G	G	0.0	0.0	0.0	0.0	1.818924E-11	0.0	0.0	0.0	0.0	0.0	0.0
19743	G	G	0.0	0.0	0.0	0.0	-3.403786E-14	0.0	0.0	0.0	0.0	0.0	0.0
19747	G	G	0.0	0.0	0.0	0.0	4.664481E-13	0.0	0.0	0.0	0.0	0.0	0.0
19763	G	G	0.0	0.0	0.0	0.0	-9.772946E-13	0.0	0.0	0.0	0.0	0.0	0.0
19765	G	G	0.0	0.0	0.0	0.0	0.0	-5.114619E-04	0.0	0.0	0.0	0.0	0.0
19767	G	G	0.0	0.0	0.0	0.0	7.442871E-12	0.0	0.0	0.0	0.0	0.0	0.0
21343	G	G	0.0	0.0	0.0	0.0	3.258653E-12	0.0	0.0	0.0	0.0	0.0	0.0
21347	G	G	0.0	0.0	0.0	0.0	-3.381232E-12	0.0	0.0	0.0	0.0	0.0	0.0
21485	G	G	-1.699134E-05	0.0	0.0	0.0	0.0	1.806517E-04	0.0	0.0	0.0	0.0	0.0
29945	G	G	-2.092395E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62811	G	G	0.0	0.0	0.0	0.0	3.293809E-13	2.613491E-12	-8.976577E-12	0.0	0.0	0.0	0.0
62819	G	G	0.0	0.0	0.0	0.0	-5.179060E-13	-1.294179E-12	-1.242844E-11	0.0	0.0	0.0	0.0
62821	G	G	0.0	0.0	0.0	0.0	3.011207E-13	2.141299E-13	-1.412254E-11	0.0	0.0	0.0	0.0
62829	G	G	0.0	0.0	0.0	0.0	-5.871541E-13	-1.158903E-12	-2.685099E-11	0.0	0.0	0.0	0.0
62831	G	G	0.0	0.0	0.0	0.0	-1.673127E-13	-8.573215E-14	8.894744E-13	0.0	0.0	0.0	0.0
62839	G	G	0.0	0.0	0.0	0.0	-1.896448E-14	7.255757E-14	-6.691369E-13	0.0	0.0	0.0	0.0
72811	G	G	0.0	0.0	0.0	0.0	3.067877E-13	-2.553511E-12	-8.759141E-12	0.0	0.0	0.0	0.0
72819	G	G	0.0	0.0	0.0	0.0	-5.230521E-13	1.292836E-12	-1.242690E-11	0.0	0.0	0.0	0.0
72821	G	G	0.0	0.0	0.0	0.0	3.347136E-13	-1.996100E-13	-1.405118E-11	0.0	0.0	0.0	0.0
72829	G	G	0.0	0.0	0.0	0.0	-6.055716E-13	1.186180E-12	-2.681150E-11	0.0	0.0	0.0	0.0
72831	G	G	0.0	0.0	0.0	0.0	-1.877629E-13	9.538252E-14	9.895973E-13	0.0	0.0	0.0	0.0
72839	G	G	0.0	0.0	0.0	0.0	-2.004324E-14	-7.066738E-14	-6.517049E-13	0.0	0.0	0.0	0.0

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-4.760829E-02	0.0	0.0	0.0	0.0
7079	G	0.0	-8.155632E-02	0.0	0.0	0.0	0.0
8571	G	0.0	1.247053E-01	0.0	0.0	0.0	0.0
8579	G	0.0	2.134840E-01	0.0	0.0	0.0	0.0
9341	G	0.0	0.0	0.0	0.0	0.0	0.0
9349	G	0.0	2.168772E 00	0.0	0.0	0.0	0.0
9373	G	0.0	-5.552277E-02	0.0	0.0	0.0	0.0
9377	G	0.0	-9.253409E-14	0.0	0.0	0.0	0.0
11571	G	0.0	3.206324E-13	0.0	0.0	0.0	0.0
11579	G	0.0	-9.020155E-01	0.0	0.0	0.0	0.0
13849	G	0.0	-8.306853E-01	0.0	0.0	0.0	0.0
13871	G	0.0	0.0	0.0	0.0	0.0	0.0
13879	G	0.0	5.301432E-02	0.0	0.0	0.0	0.0
15631	G	0.0	9.244428E-01	0.0	0.0	0.0	0.0
15637	G	0.0	1.166556E 01	0.0	0.0	0.0	0.0
18643	G	0.0	1.104988E 01	0.0	0.0	0.0	0.0
18647	G	0.0	0.0	-1.752366E-12	0.0	0.0	0.0
19743	G	0.0	0.0	1.593460E-12	0.0	0.0	0.0
19747	G	0.0	0.0	-1.605827E-14	0.0	0.0	0.0
19763	G	0.0	0.0	-2.094545E-13	0.0	0.0	0.0
19765	G	0.0	0.0	-4.560489E-13	0.0	0.0	0.0
19767	G	0.0	0.0	0.0	7.552442E-04	0.0	0.0
21343	G	0.0	0.0	-3.350313E-12	0.0	0.0	0.0
21347	G	0.0	0.0	4.561775E-13	0.0	0.0	0.0
21485	G	0.0	0.0	-1.471203E-12	0.0	0.0	0.0
29945	G	0.0	0.0	0.0	-2.440770E-04	0.0	0.0
62811	G	0.0	0.0	0.0	0.0	0.0	0.0
62819	G	0.0	0.0	2.546042E-13	1.642634E-12	0.0	-5.678066E-12
62821	G	0.0	0.0	-2.728446E-13	-8.159263E-13	0.0	-7.727504E-12
62829	G	0.0	0.0	1.092874E-13	1.683891E-13	0.0	-6.764113E-12
62831	G	0.0	0.0	-2.637175E-13	-7.309476E-13	0.0	-1.663446E-11
62839	G	0.0	0.0	-3.167614E-14	-3.796920E-14	0.0	3.932172E-13
72811	G	0.0	0.0	-2.225246E-15	4.753676E-14	0.0	-4.383910E-13
72819	G	0.0	0.0	3.196134E-13	1.818709E-12	0.0	-6.315314E-12
72821	G	0.0	0.0	-2.527165E-13	8.144890E-13	0.0	-7.675356E-12
72829	G	0.0	0.0	4.065243E-14	-1.868824E-13	0.0	-9.041559E-12
72831	G	0.0	0.0	-2.067203E-14	6.539206E-13	0.0	-1.678443E-11
72839	G	0.0	0.0	1.748465E-14	3.995642E-14	0.0	4.145702E-13
		0.0	0.0	3.873986E-15	-4.464244E-14	0.0	-4.578098E-13

AM-1G THREE-DIMENSIONAL BUILT UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 4933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 1.174021E 04

F U N C T I O N S U P S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	6.936759E-02	0.0	0.0	0.0	0.0
7079	G	0.0	-4.219024E-02	0.0	0.0	0.0	0.0
8571	G	0.0	-1.811550E-01	0.0	0.0	0.0	0.0
8579	G	0.0	1.243710E-01	0.0	0.0	0.0	0.0
9341	G	0.0	-6.265889E-01	0.0	0.0	0.0	0.0
9349	G	0.0	-3.384788E-01	0.0	0.0	0.0	0.0
9373	G	0.0	-3.135270E-13	0.0	0.0	0.0	0.0
9377	G	0.0	-3.488321E-13	0.0	0.0	0.0	0.0
11571	G	0.0	2.264752E-01	0.0	0.0	0.0	0.0
11579	G	0.0	-1.975550E 00	0.0	0.0	0.0	0.0
13849	G	-7.403288E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	-9.609538E-02	0.0	0.0	0.0	0.0
13879	G	0.0	-6.252283E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-1.334254E 01	0.0	0.0	0.0	0.0
15637	G	0.0	1.563378E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	0.0	0.0	0.0
18647	G	0.0	0.0	0.0	-2.579433E-14	0.0	0.0
19743	G	0.0	0.0	0.0	1.197714E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-1.492122E-12	0.0	0.0
19763	G	0.0	0.0	0.0	2.838152E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	4.231146E-03	0.0
19767	G	0.0	0.0	0.0	-2.344651E-11	0.0	0.0
21343	G	0.0	0.0	0.0	6.663604E-13	0.0	0.0
21347	G	0.0	0.0	0.0	-1.399583E-11	0.0	0.0
21485	G	0.0	0.0	0.0	0.0	-1.047327E-03	0.0
29945	G	-4.740432E-06	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-9.736266E-14	-1.997689E-13	7.409092E-13
62819	G	0.0	0.0	0.0	-4.334188E-14	-1.592876E-14	-2.269033E-13
62821	G	0.0	0.0	0.0	1.680837E-13	-6.047349E-14	1.637964E-13
62829	G	0.0	0.0	0.0	-1.049647E-13	-1.103365E-13	-1.535480E-13
62831	G	0.0	0.0	0.0	-9.112708E-14	-4.945439E-13	5.130914E-14
62839	G	0.0	0.0	0.0	-1.113974E-14	-2.845307E-15	2.623984E-14
72811	G	0.0	0.0	0.0	2.167433E-13	-3.657048E-13	-1.385550E-12
72819	G	0.0	0.0	0.0	9.464364E-14	9.187350E-14	-6.194755E-13
72821	G	0.0	0.0	0.0	-2.640905E-13	-9.679887E-14	-1.156300E-12
72829	G	0.0	0.0	0.0	-4.11752E-13	2.322772E-15	-1.757461E-12
72831	G	0.0	0.0	0.0	1.714661E-13	6.437159E-15	6.678577E-14
72839	G	0.0	0.0	0.0	2.276700E-14	-7.145983E-15	-6.590128E-14

AM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 9933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 1.273281E 04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-5.947512E-03	0.0	0.0	0.0	0.0
7079	G	0.0	2.932327E-04	0.0	0.0	0.0	0.0
8571	G	0.0	1.553789E-02	0.0	0.0	0.0	0.0
8579	G	0.0	-7.405163E-04	0.0	0.0	0.0	0.0
9341	G	1.377676E-01	0.0	0.0	0.0	0.0	0.0
9349	G	-1.035501E-02	0.0	0.0	0.0	0.0	0.0
9373	G	4.056651E-15	0.0	0.0	0.0	0.0	0.0
9377	G	2.203793E-14	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-3.817941E-02	0.0	0.0	0.0	0.0
11579	G	0.0	6.692010E-02	0.0	0.0	0.0	0.0
13849	G	4.905637E-01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	9.320641E-02	0.0	0.0	0.0	0.0
13879	G	0.0	6.234065E-02	0.0	0.0	0.0	0.0
13633	G	1.079473E 01	0.0	0.0	0.0	0.0	0.0
15637	G	0.0	8.837555E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	9.227315E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-1.260078E-12	0.0	0.0
19743	G	0.0	0.0	0.0	1.547113E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-4.493020E-14	0.0	0.0
19763	G	0.0	0.0	0.0	4.680713E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-2.580765E-04	0.0
19767	G	0.0	0.0	0.0	-7.056397E-13	0.0	0.0
21343	G	0.0	0.0	0.0	5.945953E-13	0.0	0.0
21347	G	0.0	0.0	0.0	-8.511026E-13	0.0	0.0
21405	G	6.697055E-07	0.0	0.0	0.0	4.614996E-05	0.0
29945	G	1.844477E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	1.926535E-13	1.082211E-14	-1.822669E-13
62819	G	0.0	0.0	0.0	1.683531E-13	-1.847442E-14	1.740723E-13
62821	G	0.0	0.0	0.0	-2.543189E-13	5.077339E-14	3.475028E-14
62829	G	0.0	0.0	0.0	3.335594E-13	-2.431536E-14	2.437824E-13
62831	G	0.0	0.0	0.0	1.789223E-13	1.083876E-15	-1.124526E-14
62839	G	0.0	0.0	0.0	2.405664E-14	-1.719896E-16	1.586113E-15
72811	G	0.0	0.0	0.0	1.741473E-13	9.940960E-15	-9.875087E-14
72819	G	0.0	0.0	0.0	1.582540E-13	9.945983E-15	2.289501E-13
72821	G	0.0	0.0	0.0	-2.245592E-13	-6.271569E-14	1.164916E-13
72829	G	0.0	0.0	0.0	3.094562E-13	1.828111E-14	3.932001E-13
72831	G	0.0	0.0	0.0	1.614399E-13	-1.522260E-15	-1.579351E-14
72839	G	0.0	0.0	0.0	2.171383E-14	7.050084E-16	6.501689E-15

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 1.512034E-04

FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	11	12	13	21	22	23
7071	G	0.0	3.696049E-02	0.0	0.0	0.0	0.0
7079	G	0.0	1.168149E-02	0.0	0.0	0.0	0.0
8471	G	0.0	-9.673321E-02	0.0	0.0	0.0	0.0
8514	G	0.0	-1.084202E-02	0.0	0.0	0.0	0.0
9341	G	-8.024047E-01	0.0	0.0	0.0	0.0	0.0
9349	G	-1.872992E-01	0.0	0.0	0.0	0.0	0.0
9373	G	-1.254413E-13	0.0	0.0	0.0	0.0	0.0
9377	G	-3.395062E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	6.444808E-31	0.0	0.0	0.0	0.0
11579	G	0.0	-9.237977E-01	0.0	0.0	0.0	0.0
13049	G	-7.975780E 00	0.0	0.0	0.0	0.0	0.0
13071	G	0.0	3.671343E-01	0.0	0.0	0.0	0.0
13079	G	0.0	-8.287795E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-5.210546E 00	0.0	0.0	0.0	0.0
15637	G	0.0	-9.996431E 00	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-2.702657E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-1.174010E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-1.102301E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-1.496537E-13	0.0	0.0
19763	G	0.0	0.0	0.0	-5.296074E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	1.183221E-03	0.0
19767	G	0.0	0.0	0.0	-2.489053E-12	0.0	0.0
21343	G	0.0	0.0	0.0	-1.682965E-13	0.0	0.0
21347	G	0.0	0.0	0.0	2.196725E-12	0.0	0.0
21485	G	-2.644330E-05	0.0	0.0	0.0	-1.652849E-04	0.0
29945	G	-8.316830E-03	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	-2.014484E-12	-6.011852E-12	2.160254E-11
62819	G	0.0	0.0	0.0	-2.330185E-14	2.835739E-12	2.491635E-11
62821	G	0.0	0.0	0.0	-1.296433E-12	-9.212084E-13	2.976846E-11
62829	G	0.0	0.0	0.0	-1.169320E-12	2.273616E-12	5.628700E-11
62831	G	0.0	0.0	0.0	-1.104609E-12	1.960805E-13	-2.034136E-12
62839	G	0.0	0.0	0.0	-1.891806E-13	-1.596291E-13	1.472123E-12
72811	G	0.0	0.0	0.0	-1.880139E-12	5.743297E-12	2.480374E-11
72819	G	0.0	0.0	0.0	3.416922E-14	-2.809979E-12	2.480452E-11
72821	G	0.0	0.0	0.0	1.132297E-12	8.527992E-13	2.4917142E-11
72829	G	0.0	0.0	0.0	-1.025379E-12	-2.344344E-12	5.569073E-11
72831	G	0.0	0.0	0.0	-1.006847E-12	-1.959015E-13	-2.032486E-12
72839	G	0.0	0.0	0.0	-1.561787E-13	1.554656E-13	1.433726E-12

ANALYTIC THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - 14 IN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 1.55343E-04

POINT ID. TYPE OF SHAPE OF STIFFNESS CONSTRAINT

POINT ID.	TYPE	F1	F2	F3	R1	R2	R3
7071	1	0.0	-5.57030E-03	0.0	0.0	0.0	0.0
7079	2	0.0	5.44779E-03	0.0	0.0	0.0	0.0
6571	3	0.0	1.44433E-02	0.0	0.0	0.0	0.0
6579	4	0.0	-1.42055E-02	0.0	0.0	0.0	0.0
9341	5	0.0	0.0	0.0	0.0	0.0	0.0
9349	6	0.0	2.89104E-02	0.0	0.0	0.0	0.0
9373	7	0.0	3.23138E-02	0.0	0.0	0.0	0.0
9377	8	0.0	5.62053E-15	0.0	0.0	0.0	0.0
11571	9	0.0	-6.11478E-15	0.0	0.0	0.0	0.0
11579	10	0.0	4.06973E-03	0.0	0.0	0.0	0.0
11849	11	0.0	1.355131E-01	0.0	0.0	0.0	0.0
11871	12	0.0	0.0	0.0	0.0	0.0	0.0
11879	13	0.0	1.22149E-01	0.0	0.0	0.0	0.0
13633	14	0.0	-1.63376E-01	0.0	0.0	0.0	0.0
13637	15	0.0	-2.92251E-00	0.0	0.0	0.0	0.0
13643	16	0.0	3.01300E-00	0.0	0.0	0.0	0.0
13647	17	0.0	0.0	0.0	0.0	0.0	0.0
13649	18	0.0	0.0	0.0	0.0	0.0	0.0
13649	19	0.0	0.0	0.0	0.0	0.0	0.0
13649	20	0.0	0.0	0.0	0.0	0.0	0.0
13649	21	0.0	0.0	0.0	0.0	0.0	0.0
13649	22	0.0	0.0	0.0	0.0	0.0	0.0
13649	23	0.0	0.0	0.0	0.0	0.0	0.0
13649	24	0.0	0.0	0.0	0.0	0.0	0.0
13649	25	0.0	0.0	0.0	0.0	0.0	0.0
13649	26	0.0	0.0	0.0	0.0	0.0	0.0
13649	27	0.0	0.0	0.0	0.0	0.0	0.0
13649	28	0.0	0.0	0.0	0.0	0.0	0.0
13649	29	0.0	0.0	0.0	0.0	0.0	0.0
13649	30	0.0	0.0	0.0	0.0	0.0	0.0
13649	31	0.0	0.0	0.0	0.0	0.0	0.0
13649	32	0.0	0.0	0.0	0.0	0.0	0.0
13649	33	0.0	0.0	0.0	0.0	0.0	0.0
13649	34	0.0	0.0	0.0	0.0	0.0	0.0
13649	35	0.0	0.0	0.0	0.0	0.0	0.0
13649	36	0.0	0.0	0.0	0.0	0.0	0.0
13649	37	0.0	0.0	0.0	0.0	0.0	0.0
13649	38	0.0	0.0	0.0	0.0	0.0	0.0
13649	39	0.0	0.0	0.0	0.0	0.0	0.0
13649	40	0.0	0.0	0.0	0.0	0.0	0.0
13649	41	0.0	0.0	0.0	0.0	0.0	0.0
13649	42	0.0	0.0	0.0	0.0	0.0	0.0
13649	43	0.0	0.0	0.0	0.0	0.0	0.0
13649	44	0.0	0.0	0.0	0.0	0.0	0.0
13649	45	0.0	0.0	0.0	0.0	0.0	0.0
13649	46	0.0	0.0	0.0	0.0	0.0	0.0
13649	47	0.0	0.0	0.0	0.0	0.0	0.0
13649	48	0.0	0.0	0.0	0.0	0.0	0.0
13649	49	0.0	0.0	0.0	0.0	0.0	0.0
13649	50	0.0	0.0	0.0	0.0	0.0	0.0
13649	51	0.0	0.0	0.0	0.0	0.0	0.0
13649	52	0.0	0.0	0.0	0.0	0.0	0.0
13649	53	0.0	0.0	0.0	0.0	0.0	0.0
13649	54	0.0	0.0	0.0	0.0	0.0	0.0
13649	55	0.0	0.0	0.0	0.0	0.0	0.0
13649	56	0.0	0.0	0.0	0.0	0.0	0.0
13649	57	0.0	0.0	0.0	0.0	0.0	0.0
13649	58	0.0	0.0	0.0	0.0	0.0	0.0
13649	59	0.0	0.0	0.0	0.0	0.0	0.0
13649	60	0.0	0.0	0.0	0.0	0.0	0.0
13649	61	0.0	0.0	0.0	0.0	0.0	0.0
13649	62	0.0	0.0	0.0	0.0	0.0	0.0
13649	63	0.0	0.0	0.0	0.0	0.0	0.0
13649	64	0.0	0.0	0.0	0.0	0.0	0.0
13649	65	0.0	0.0	0.0	0.0	0.0	0.0
13649	66	0.0	0.0	0.0	0.0	0.0	0.0
13649	67	0.0	0.0	0.0	0.0	0.0	0.0
13649	68	0.0	0.0	0.0	0.0	0.0	0.0
13649	69	0.0	0.0	0.0	0.0	0.0	0.0
13649	70	0.0	0.0	0.0	0.0	0.0	0.0
13649	71	0.0	0.0	0.0	0.0	0.0	0.0
13649	72	0.0	0.0	0.0	0.0	0.0	0.0
13649	73	0.0	0.0	0.0	0.0	0.0	0.0
13649	74	0.0	0.0	0.0	0.0	0.0	0.0
13649	75	0.0	0.0	0.0	0.0	0.0	0.0
13649	76	0.0	0.0	0.0	0.0	0.0	0.0
13649	77	0.0	0.0	0.0	0.0	0.0	0.0
13649	78	0.0	0.0	0.0	0.0	0.0	0.0
13649	79	0.0	0.0	0.0	0.0	0.0	0.0
13649	80	0.0	0.0	0.0	0.0	0.0	0.0
13649	81	0.0	0.0	0.0	0.0	0.0	0.0
13649	82	0.0	0.0	0.0	0.0	0.0	0.0
13649	83	0.0	0.0	0.0	0.0	0.0	0.0
13649	84	0.0	0.0	0.0	0.0	0.0	0.0
13649	85	0.0	0.0	0.0	0.0	0.0	0.0
13649	86	0.0	0.0	0.0	0.0	0.0	0.0
13649	87	0.0	0.0	0.0	0.0	0.0	0.0
13649	88	0.0	0.0	0.0	0.0	0.0	0.0
13649	89	0.0	0.0	0.0	0.0	0.0	0.0
13649	90	0.0	0.0	0.0	0.0	0.0	0.0
13649	91	0.0	0.0	0.0	0.0	0.0	0.0
13649	92	0.0	0.0	0.0	0.0	0.0	0.0
13649	93	0.0	0.0	0.0	0.0	0.0	0.0
13649	94	0.0	0.0	0.0	0.0	0.0	0.0
13649	95	0.0	0.0	0.0	0.0	0.0	0.0
13649	96	0.0	0.0	0.0	0.0	0.0	0.0
13649	97	0.0	0.0	0.0	0.0	0.0	0.0
13649	98	0.0	0.0	0.0	0.0	0.0	0.0
13649	99	0.0	0.0	0.0	0.0	0.0	0.0
13649	100	0.0	0.0	0.0	0.0	0.0	0.0

AN-10 THREE-DIMENSIONAL BUILD-UP DYNAMIC MODEL - FILE 14 - GE 3  
 BASIC MISSION FLIGHT CONFIGURATION - INSIDE CROSS FLIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 1.06095E 32

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	5.046019E-02	0.0	0.0	0.0	0.0
7079	G	0.0	0.0	0.0	0.0	0.0	0.0
8571	G	0.0	0.0	0.0	0.0	0.0	0.0
8579	G	0.0	-1.425848E-01	0.0	0.0	0.0	0.0
9341	G	-2.446218E 00	0.0	0.0	0.0	0.0	0.0
9349	G	1.488118E-01	0.0	0.0	0.0	0.0	0.0
9373	G	-7.926992E-14	0.0	0.0	0.0	0.0	0.0
9377	G	-3.418487E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	1.822542E 00	0.0	0.0	0.0	0.0
11579	G	0.0	-1.675007E 00	0.0	0.0	0.0	0.0
13849	G	-2.116727E 01	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	1.768553E 00	0.0	0.0	0.0	0.0
13879	G	0.0	-1.873176E 00	0.0	0.0	0.0	0.0
15633	G	0.0	7.330785E 01	0.0	0.0	0.0	0.0
15637	G	0.0	7.367533E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	1.581523E-12	0.0	0.0
18647	G	0.0	0.0	0.0	-1.001128E-12	0.0	0.0
19743	G	0.0	0.0	0.0	-4.435276E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-3.658493E-13	0.0	0.0
19763	G	0.0	0.0	0.0	1.360330E-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	-1.217613E-04	0.0
19767	G	0.0	0.0	0.0	-5.765430E-12	0.0	0.0
21343	G	0.0	0.0	0.0	3.034473E-12	0.0	0.0
21347	G	0.0	0.0	0.0	-5.860951E-12	0.0	0.0
21485	G	-3.124085E-06	0.0	0.0	0.0	-8.014071E-05	0.0
29945	G	-6.705659E-04	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	1.189266E-12	1.540238E-12	-6.045206E-12
62819	G	0.0	0.0	0.0	5.699852E-13	-9.21579E-13	-6.972675E-12
62821	G	0.0	0.0	0.0	-1.302207E-12	4.106311E-13	-8.396481E-12
62829	G	0.0	0.0	0.0	1.432902E-12	-9.316367E-13	-1.597303E-11
62831	G	0.0	0.0	0.0	9.108322E-13	-5.168615E-14	5.362459E-13
62839	G	0.0	0.0	0.0	1.274052E-13	4.465859E-14	-4.118481E-13
72811	G	0.0	0.0	0.0	1.194253E-12	-1.404594E-12	-6.243882E-12
72819	G	0.0	0.0	0.0	5.647906E-13	8.974880E-13	-6.770999E-12
72821	G	0.0	0.0	0.0	-1.278398E-12	-4.163803E-13	-8.376997E-12
72829	G	0.0	0.0	0.0	1.417897E-12	8.666190E-13	-1.562320E-11
72831	G	0.0	0.0	0.0	9.039111E-13	5.860128E-13	5.684905E-13
72839	G	0.0	0.0	0.0	1.258652E-13	-4.417159E-14	-4.073569E-13



NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE = 2.16607E 14

FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7074	0	0.0	-7.554679E-03	0.0	0.0	0.0	0.0
7075	0	0.0	7.552697E-03	0.0	0.0	0.0	0.0
8571	0	0.0	1.998337E-02	0.0	0.0	0.0	0.0
8572	0	0.0	-1.840504E-02	0.0	0.0	0.0	0.0
9341	0	0.0	4.357693E-02	0.0	0.0	0.0	0.0
9342	0	0.0	3.494153E-02	0.0	0.0	0.0	0.0
9373	0	0.0	-7.677374E-15	0.0	0.0	0.0	0.0
9377	0	0.0	-6.337660E-15	0.0	0.0	0.0	0.0
11571	0	0.0	-9.404390E-03	0.0	0.0	0.0	0.0
11572	0	0.0	2.514741E-03	0.0	0.0	0.0	0.0
11579	0	0.0	3.191702E-01	0.0	0.0	0.0	0.0
13846	0	0.0	1.938346E-01	0.0	0.0	0.0	0.0
13871	0	0.0	-2.677150E-01	0.0	0.0	0.0	0.0
13879	0	0.0	-3.130979E-01	0.0	0.0	0.0	0.0
15637	0	0.0	2.619150E-02	0.0	0.0	0.0	0.0
18643	0	0.0	0.0	-3.662872E-14	0.0	0.0	0.0
18647	0	0.0	0.0	-7.769116E-14	0.0	0.0	0.0
19743	0	0.0	0.0	-6.980330E-16	0.0	0.0	0.0
19747	0	0.0	0.0	-2.004960E-14	0.0	0.0	0.0
19763	0	0.0	0.0	-1.854360E-14	0.0	0.0	0.0
19765	0	0.0	0.0	-4.753340E-14	-6.618159E-06	0.0	0.0
19767	0	0.0	0.0	3.000324E-14	0.0	0.0	0.0
21343	0	0.0	0.0	-8.4928424E-13	0.0	0.0	0.0
21347	0	0.0	0.0	0.0	-5.140449E-04	0.0	0.0
21445	0	0.0	0.0	0.0	0.0	0.0	0.0
26945	0	0.0	0.0	0.0	-1.594201E-14	3.048038E-14	0.0
26949	0	0.0	0.0	0.0	-2.513829E-14	1.746361E-14	1.034559E-13
62819	0	0.0	0.0	0.0	5.521036E-14	-1.185549E-14	1.359181E-13
62821	0	0.0	0.0	0.0	-5.175025E-14	2.424714E-14	2.295829E-13
62829	0	0.0	0.0	0.0	-2.872083E-14	6.237233E-16	-6.471126E-15
62831	0	0.0	0.0	0.0	-3.703757E-15	-5.695765E-16	5.252719E-15
62839	0	0.0	0.0	0.0	3.295575E-14	-2.042177E-14	-9.546704E-14
72811	0	0.0	0.0	0.0	2.401745E-14	1.880970E-14	-1.175470E-13
72821	0	0.0	0.0	0.0	-5.481519E-14	-1.215626E-14	-1.547446E-13
72829	0	0.0	0.0	0.0	5.022400E-14	2.463904E-14	-2.620033E-13
72831	0	0.0	0.0	0.0	2.423704E-14	9.184552E-16	4.529039E-13
72839	0	0.0	0.0	0.0	3.850157E-15	-6.5520892E-16	-6.013659E-15



AM-1C THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 2.371401E 04

FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-1.19490E-01	0.0	0.0	0.0	0.0
7079	G	0.0	1.09332E-01	0.0	0.0	0.0	0.0
8571	G	0.0	3.11965E-01	0.0	0.0	0.0	0.0
8579	G	0.0	-2.85349E-01	0.0	0.0	0.0	0.0
9341	G	4.73087E-01	0.0	0.0	0.0	0.0	0.0
9349	G	4.29524E-01	0.0	0.0	0.0	0.0	0.0
9373	G	1.84564E-14	0.0	0.0	0.0	0.0	0.0
9377	G	3.32650E-14	0.0	0.0	0.0	0.0	0.0
11371	G	0.0	-4.00153E-01	0.0	0.0	0.0	0.0
11379	G	0.0	3.36080E 00	0.0	0.0	0.0	0.0
13849	G	3.94013E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	2.23391E 00	0.0	0.0	0.0	0.0
13879	G	0.0	-3.37812E 00	0.0	0.0	0.0	0.0
15633	G	0.0	-5.42839E 01	0.0	0.0	0.0	0.0
15637	G	0.0	5.32766E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-1.55197E-12	0.0	0.0
18647	G	0.0	0.0	0.0	2.55612E-11	0.0	0.0
19743	G	0.0	0.0	0.0	-7.70480E-14	0.0	0.0
19747	G	0.0	0.0	0.0	1.56329E-12	0.0	0.0
19763	G	0.0	0.0	0.0	-1.85280E-12	0.0	0.0
19767	G	0.0	0.0	0.0	0.0	-1.30476E-02	0.0
21343	G	0.0	0.0	0.0	2.47547E-11	0.0	0.0
21347	G	0.0	0.0	0.0	6.19833E-13	0.0	0.0
21485	G	0.0	0.0	0.0	5.83601E-12	0.0	0.0
29945	G	-1.24636E-04	0.0	0.0	0.0	-3.22020E-03	0.0
62811	G	-1.00412E-02	0.0	0.0	0.0	0.0	0.0
62819	G	0.0	0.0	0.0	-1.70929E-12	-1.21978E-12	5.36968E-12
62821	G	0.0	0.0	0.0	-1.12389E-12	9.96088E-13	6.52078E-12
62829	G	0.0	0.0	0.0	2.68982E-12	-6.46213E-13	8.13111E-12
62831	G	0.0	0.0	0.0	-2.54238E-12	1.15001E-12	1.58462E-11
62839	G	0.0	0.0	0.0	-1.50514E-12	6.49473E-14	-6.73831E-13
72811	G	0.0	0.0	0.0	-2.16316E-13	-4.01409E-14	3.70186E-13
72819	G	0.0	0.0	0.0	1.70449E-12	-1.27121E-12	-2.53776E-12
72821	G	0.0	0.0	0.0	1.105114E-12	1.026541E-12	-6.82676E-12
72829	G	0.0	0.0	0.0	-2.66747E-12	-6.48441E-13	-8.64183E-12
72831	G	0.0	0.0	0.0	2.520330E-12	1.18269E-12	-1.66172E-11
72839	G	0.0	0.0	0.0	1.509233E-12	7.786339E-14	8.07836E-13
					2.172791E-13	-6.10315E-14	-3.78399E-13

AM-1G THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 8933 L9 GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 2.445307E 04

FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-1.045698E-01	0.0	0.0	0.0	0.0
7079	G	0.0	9.95774E-02	0.0	0.0	0.0	0.0
8571	G	0.0	2.72974E-01	0.0	0.0	0.0	0.0
8579	G	0.0	-2.598074E-01	0.0	0.0	0.0	0.0
9341	G	0.0	4.41719E-01	0.0	0.0	0.0	0.0
9349	G	0.0	4.702693E-01	0.0	0.0	0.0	0.0
9373	G	0.0	8.400225E-14	0.0	0.0	0.0	0.0
9377	G	0.0	8.729129E-15	0.0	0.0	0.0	0.0
11571	G	0.0	-2.026111E-01	0.0	0.0	0.0	0.0
11579	G	0.0	3.322158E 00	0.0	0.0	0.0	0.0
13849	G	0.0	3.437434E 00	0.0	0.0	0.0	0.0
13871	G	0.0	3.005808E 00	0.0	0.0	0.0	0.0
13879	G	0.0	-4.246139E 00	0.0	0.0	0.0	0.0
15633	G	0.0	-2.428706E 01	0.0	0.0	0.0	0.0
15637	G	0.0	1.892561E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	7.562840E-13	0.0	0.0
18647	G	0.0	0.0	0.0	7.973055E-12	0.0	0.0
19743	G	0.0	0.0	0.0	3.961589E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-4.083271E-13	0.0	0.0
19763	G	0.0	0.0	0.0	9.541161E-13	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	1.305835E-03	0.0
19767	G	0.0	0.0	0.0	-6.422337E-12	0.0	0.0
21343	G	0.0	0.0	0.0	1.556759E-12	0.0	0.0
21347	G	0.0	0.0	0.0	-2.152355E-11	0.0	0.0
21405	G	0.0	0.0	0.0	0.0	-1.047697E-02	0.0
29945	G	-4.142646E-04	0.0	0.0	0.0	0.0	0.0
62811	G	-4.290722E-02	0.0	0.0	1.143646E-12	1.305165E-12	-5.225892E-12
62819	G	0.0	0.0	0.0	6.400505E-13	-3.977040E-13	-2.164893E-12
62821	G	0.0	0.0	0.0	-1.531637E-12	4.554836E-13	-6.462145E-12
62829	G	0.0	0.0	0.0	1.462658E-12	-1.980449E-13	-6.039728E-12
62831	G	0.0	0.0	0.0	8.105998E-13	-3.248376E-14	3.370203E-13
62839	G	0.0	0.0	0.0	1.118042E-13	2.118368E-14	-1.935359E-13
72811	G	0.0	0.0	0.0	-1.245268E-12	1.367948E-12	5.512400E-12
72819	G	0.0	0.0	0.0	-7.417035E-13	-4.092086E-13	2.118644E-12
72821	G	0.0	0.0	0.0	1.707159E-12	4.950232E-13	9.708188E-12
72829	G	0.0	0.0	0.0	-1.611011E-12	-1.760572E-13	5.925042E-12
72831	G	0.0	0.0	0.0	-8.856736E-13	-1.581325E-14	-1.040632E-13
72839	G	0.0	0.0	0.0	-1.216985E-13	2.348228E-14	2.165570E-13

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AN-10 THREE-DIMENSIONAL BUILD-UP DYNAMIC MODEL - PLOT 14  
BASIC MISSION FLIGHT CONFIGURATION - 8933 LA BRASS MOUNTAIN

NATURAL FREQUENCIES AND MODE SHAPES  
EIGENVALUE # 2-55038X 04

POINT NO.	TYPE	II	III	IV	RI	R2	R3
7071	G	0.0	0.0	-1.5507E-04	0.0	0.0	0.0
7079	G	0.0	0.0	-9.374331E-04	0.0	0.0	0.0
8571	G	0.0	0.0	9.530837E-03	0.0	0.0	0.0
8579	G	0.0	0.0	1.316077E-03	0.0	0.0	0.0
9341	G	0.0	0.0	6.815541E-04	0.0	0.0	0.0
9349	G	0.0	0.0	1.422921E-02	0.0	0.0	0.0
9373	G	0.0	0.0	2.432343E-14	0.0	0.0	0.0
9377	G	0.0	0.0	1.804112E-15	0.0	0.0	0.0
11571	G	0.0	0.0	2.539724E-01	0.0	0.0	0.0
11579	G	0.0	0.0	-1.939347E-02	0.0	0.0	0.0
13849	G	0.0	0.0	-3.133234E-01	0.0	0.0	0.0
13871	G	0.0	0.0	1.856016E-01	0.0	0.0	0.0
13879	G	0.0	0.0	-4.066631E-03	0.0	0.0	0.0
15633	G	0.0	0.0	2.774801E-00	0.0	0.0	0.0
15637	G	0.0	0.0	2.445932E-00	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	0.0	0.0	0.0
18647	G	0.0	0.0	0.0	0.0	0.0	0.0
19743	G	0.0	0.0	0.0	0.0	0.0	0.0
19747	G	0.0	0.0	0.0	0.0	0.0	0.0
19763	G	0.0	0.0	0.0	0.0	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	0.0	0.0
19767	G	0.0	0.0	0.0	0.0	0.0	0.0
21343	G	0.0	0.0	0.0	0.0	0.0	0.0
21347	G	0.0	0.0	0.0	0.0	0.0	0.0
21485	G	0.0	0.0	0.0	0.0	0.0	0.0
29945	G	-1.270345E-05	0.0	0.0	0.0	0.0	0.0
62811	G	-2.787473E-03	0.0	0.0	0.0	0.0	0.0
62819	G	0.0	0.0	0.0	0.0	0.0	0.0
62821	G	0.0	0.0	0.0	0.0	0.0	0.0
62829	G	0.0	0.0	0.0	0.0	0.0	0.0
62831	G	0.0	0.0	0.0	0.0	0.0	0.0
62834	G	0.0	0.0	0.0	0.0	0.0	0.0
72811	G	0.0	0.0	0.0	0.0	0.0	0.0
72819	G	0.0	0.0	0.0	0.0	0.0	0.0
72821	G	0.0	0.0	0.0	0.0	0.0	0.0
72829	G	0.0	0.0	0.0	0.0	0.0	0.0
72831	G	0.0	0.0	0.0	0.0	0.0	0.0
72839	G	0.0	0.0	0.0	0.0	0.0	0.0

AM-10, THREE-DIMENSIONAL BUILD-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

# NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE 8 2.869503E 04

## FORCES OF SINGLE-POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	7.923114E-02	0.0	0.0	0.0	0.0
7079	G	0.0	-7.352245E-02	0.0	0.0	0.0	0.0
8571	G	0.0	-2.068700E-01	0.0	0.0	0.0	0.0
8579	G	0.0	1.919048E-01	0.0	0.0	0.0	0.0
9341	G	-1.205933E-01	0.0	0.0	0.0	0.0	0.0
9349	G	-1.496714E-01	0.0	0.0	0.0	0.0	0.0
9373	G	-2.542064E-14	0.0	0.0	0.0	0.0	0.0
9377	G	4.315992E-15	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	5.388066E-01	0.0	0.0	0.0	0.0
11579	G	0.0	-1.878716E 00	0.0	0.0	0.0	0.0
13849	G	0.0	0.0	0.0	0.0	0.0	0.0
13871	G	-5.716706E 00	0.0	0.0	0.0	0.0	0.0
13879	G	0.0	6.585564E-01	0.0	0.0	0.0	0.0
15633	G	0.0	-7.869356E-01	0.0	0.0	0.0	0.0
15637	G	0.0	2.433350E 01	0.0	0.0	0.0	0.0
18643	G	0.0	-2.101759E 01	0.0	0.0	0.0	0.0
18647	G	0.0	0.0	0.0	2.313461E-14	0.0	0.0
19743	G	0.0	0.0	0.0	-8.136504E-12	0.0	0.0
19747	G	0.0	0.0	0.0	-3.758736E-15	0.0	0.0
19763	G	0.0	0.0	0.0	-8.381203E-16	0.0	0.0
19765	G	0.0	0.0	0.0	-8.715018E-14	0.0	0.0
19767	G	0.0	0.0	0.0	0.0	-2.320928E-03	0.0
21343	G	0.0	0.0	0.0	-2.599823E-14	0.0	0.0
21347	G	0.0	0.0	0.0	6.392726E-13	0.0	0.0
21485	G	0.0	0.0	0.0	1.097612E-11	0.0	0.0
29945	G	-2.467490E-04	0.0	0.0	0.0	-5.254228E-03	0.0
62811	G	7.015693E-02	0.0	0.0	0.0	0.0	0.0
62819	G	0.0	0.0	0.0	-6.530900E-14	-3.817223E-13	1.324153E-12
62821	G	0.0	0.0	0.0	1.855516E-14	-2.366307E-14	-1.711956E-13
62829	G	0.0	0.0	0.0	-1.245146E-14	-5.564708E-14	5.749722E-13
62831	G	0.0	0.0	0.0	-4.284255E-15	-2.058192E-13	1.759908E-13
62839	G	0.0	0.0	0.0	-1.262795E-14	1.736180E-13	-1.401293E-14
72811	G	0.0	0.0	0.0	-1.545602E-15	-4.142449E-15	3.420226E-14
72819	G	0.0	0.0	0.0	5.851508E-14	-3.051917E-13	-1.063346E-12
72821	G	0.0	0.0	0.0	-1.992248E-15	-6.972098E-14	6.097679E-13
72829	G	0.0	0.0	0.0	6.321000E-16	-4.843148E-14	-9.487050E-14
72831	G	0.0	0.0	0.0	1.248671E-14	-2.504761E-13	8.587194E-13
72839	G	0.0	0.0	0.0	-1.626705E-15	-1.187964E-14	-1.232317E-13
					-1.296894E-15	-2.475381E-15	-2.282833E-14

AN-10 THREE-DIMENSIONAL MULTIPURPOSE MODEL - FILE 14  
 BASIC MISSION WEIGHT CONFIGURATION - 4035 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 3-265890E 34

FACTORS OF SIMILARITY - POINT CONSTANT

POINT NO.	TYPE	11	12	13	41	42	43
7071	1	0.0	-7.822871E-03	0.0	0.0	0.0	0.0
7076	2	0.0	-4.020421E-01	0.0	0.0	0.0	0.0
8571	3	0.0	2.060694E-02	0.0	0.0	0.0	0.0
8579	4	0.0	1.205180E-02	0.0	0.0	0.0	0.0
9341	5	0.0	6.355877E-02	0.0	0.0	0.0	0.0
9349	6	0.0	6.859473E-02	0.0	0.0	0.0	0.0
9373	7	0.0	1.507120E-14	0.0	0.0	0.0	0.0
9377	8	0.0	-1.604273E-14	0.0	0.0	0.0	0.0
11571	9	0.0	5.007072E-07	0.0	0.0	0.0	0.0
11579	10	0.0	-2.900438E-01	0.0	0.0	0.0	0.0
13449	11	0.0	-1.442771E-00	0.0	0.0	0.0	0.0
13871	12	0.0	5.565881E-01	0.0	0.0	0.0	0.0
13879	13	0.0	4.547410E-01	0.0	0.0	0.0	0.0
15633	14	0.0	3.150535E-03	0.0	0.0	0.0	0.0
15637	15	0.0	2.904551E-03	0.0	0.0	0.0	0.0
18649	16	0.0	0.0	-0.717402E-15	0.0	0.0	0.0
18647	17	0.0	0.0	3.615173E-13	0.0	0.0	0.0
19743	18	0.0	0.0	-2.246486E-15	0.0	0.0	0.0
19747	19	0.0	0.0	4.553643E-15	0.0	0.0	0.0
19763	20	0.0	0.0	-4.433575E-14	0.0	0.0	0.0
19765	21	0.0	0.0	0.0	5.463574E-05	0.0	0.0
19767	22	0.0	0.0	0.0	0.0	0.0	0.0
21343	23	0.0	0.0	0.0	0.0	0.0	0.0
21347	24	0.0	0.0	0.0	0.0	0.0	0.0
21349	25	0.0	0.0	0.0	0.0	0.0	0.0
21345	26	0.0	0.0	0.0	0.0	0.0	0.0
29845	27	0.0	0.0	0.0	0.0	0.0	0.0
62411	28	0.0	0.0	0.0	0.0	0.0	0.0
62419	29	0.0	0.0	0.0	0.0	0.0	0.0
62431	30	0.0	0.0	0.0	0.0	0.0	0.0
62424	31	0.0	0.0	0.0	0.0	0.0	0.0
62831	32	0.0	0.0	0.0	0.0	0.0	0.0
62839	33	0.0	0.0	0.0	0.0	0.0	0.0
72811	34	0.0	0.0	0.0	0.0	0.0	0.0
72819	35	0.0	0.0	0.0	0.0	0.0	0.0
72421	36	0.0	0.0	0.0	0.0	0.0	0.0
72821	37	0.0	0.0	0.0	0.0	0.0	0.0
72831	38	0.0	0.0	0.0	0.0	0.0	0.0
72839	39	0.0	0.0	0.0	0.0	0.0	0.0

AM-10 THREE-DIMENSIONAL A-10-T-20 DYNAMIC MODEL - FILL 14 - GEN 3  
 BASIC MISSION WEIGHT COMPLIMENTATION - 8933 14 GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 4.061179E-04

6 3 4 C E S U F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	11	12	13	R1	R2	R3
7071	G	0.0	-2.648290E-01	0.0	0.0	0.0	0.0
7079	G	0.0	1.291515E-01	0.0	0.0	0.0	0.0
8571	G	0.0	6.914406E-01	0.0	0.0	0.0	0.0
8579	G	0.0	-3.370402E-01	0.0	0.0	0.0	0.0
9341	G	1.181917E-02	0.0	0.0	0.0	0.0	0.0
9349	G	5.054611E-01	0.0	0.0	0.0	0.0	0.0
9373	G	5.292988E-14	0.0	0.0	0.0	0.0	0.0
9377	G	-3.455014E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-1.461609E-00	0.0	0.0	0.0	0.0
11579	G	0.0	1.307046E-00	0.0	0.0	0.0	0.0
13849	G	-7.520376E-03	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	5.218814E-00	0.0	0.0	0.0	0.0
13879	G	0.0	1.784440E-00	0.0	0.0	0.0	0.0
15633	G	0.0	-7.465645E-01	0.0	0.0	0.0	0.0
15637	G	0.0	1.320728E-02	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-1.545143E-13	0.0	0.0
18647	G	0.0	0.0	0.0	-1.502855E-11	0.0	0.0
19743	G	0.0	0.0	0.0	7.543738E-14	0.0	0.0
19747	G	0.0	0.0	0.0	-2.044347E-12	0.0	0.0
19763	G	0.0	0.0	0.0	1.736263E-12	0.0	0.0
19765	G	0.0	0.0	0.0	0.0	2.792088E-02	0.0
19767	G	0.0	0.0	0.0	-3.246418E-11	0.0	0.0
21343	G	0.0	0.0	0.0	1.347438E-13	0.0	0.0
21347	G	0.0	0.0	0.0	-1.576705E-11	0.0	0.0
21485	G	1.959423E-04	0.0	0.0	0.0	1.445511E-03	0.0
29945	G	3.894572E-02	0.0	0.0	0.0	0.0	0.0
62811	G	0.0	0.0	0.0	6.595603E-14	-4.850069E-13	1.569449E-12
62819	G	0.0	0.0	0.0	2.244370E-13	1.705122E-13	1.953883E-12
62821	G	0.0	0.0	0.0	-2.276082E-13	-6.366865E-16	1.975803E-12
62829	G	0.0	0.0	0.0	3.842910E-13	9.624151E-14	3.800549E-12
62831	G	0.0	0.0	0.0	1.163447E-13	1.985741E-14	-2.060235E-11
62839	G	0.0	0.0	0.0	1.704865E-14	-1.081964E-14	9.978032E-11
72811	G	0.0	0.0	0.0	6.571181E-14	8.883777E-13	2.916329E-12
72819	G	0.0	0.0	0.0	2.682098E-13	-6.147670E-13	7.708788E-12
72821	G	0.0	0.0	0.0	4.701433E-15	1.401021E-13	6.795426E-12
72829	G	0.0	0.0	0.0	-1.038786E-13	-7.755992E-13	1.964730E-11
72831	G	0.0	0.0	0.0	-4.066146E-13	-1.082132E-13	-1.122717E-12
72839	G	0.0	0.0	0.0	-8.500107E-14	4.570779E-14	4.215239E-13



AN-10 THREE-DIMENSIONAL - HALF-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION PROFILE INFORMATION - 893514 GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

FIGURE 8 44249000E 04

REFS OF SINGULAR POINT CONSTRAINT

POINT NO.	TYPE	11	12	13	21	22	23
7071	C	0.0	0.0	0.0	0.0	0.0	0.0
7074	C	0.0	0.0	0.0	0.0	0.0	0.0
8571	C	0.0	0.0	0.0	0.0	0.0	0.0
8574	C	0.0	0.0	0.0	0.0	0.0	0.0
9341	C	0.0	0.0	0.0	0.0	0.0	0.0
9344	C	0.0	0.0	0.0	0.0	0.0	0.0
9373	C	0.0	0.0	0.0	0.0	0.0	0.0
11571	C	0.0	0.0	0.0	0.0	0.0	0.0
11574	C	0.0	0.0	0.0	0.0	0.0	0.0
13849	C	0.0	0.0	0.0	0.0	0.0	0.0
13871	C	0.0	0.0	0.0	0.0	0.0	0.0
13874	C	0.0	0.0	0.0	0.0	0.0	0.0
15633	C	0.0	0.0	0.0	0.0	0.0	0.0
15637	C	0.0	0.0	0.0	0.0	0.0	0.0
18643	C	0.0	0.0	0.0	0.0	0.0	0.0
19743	C	0.0	0.0	0.0	0.0	0.0	0.0
19747	C	0.0	0.0	0.0	0.0	0.0	0.0
19763	C	0.0	0.0	0.0	0.0	0.0	0.0
19767	C	0.0	0.0	0.0	0.0	0.0	0.0
21343	C	0.0	0.0	0.0	0.0	0.0	0.0
21347	C	0.0	0.0	0.0	0.0	0.0	0.0
21485	C	0.0	0.0	0.0	0.0	0.0	0.0
29945	C	0.0	0.0	0.0	0.0	0.0	0.0
62811	C	0.0	0.0	0.0	0.0	0.0	0.0
62819	C	0.0	0.0	0.0	0.0	0.0	0.0
62821	C	0.0	0.0	0.0	0.0	0.0	0.0
62829	C	0.0	0.0	0.0	0.0	0.0	0.0
62831	C	0.0	0.0	0.0	0.0	0.0	0.0
62833	C	0.0	0.0	0.0	0.0	0.0	0.0
72411	C	0.0	0.0	0.0	0.0	0.0	0.0
72414	C	0.0	0.0	0.0	0.0	0.0	0.0
72421	C	0.0	0.0	0.0	0.0	0.0	0.0
72424	C	0.0	0.0	0.0	0.0	0.0	0.0
72431	C	0.0	0.0	0.0	0.0	0.0	0.0
72434	C	0.0	0.0	0.0	0.0	0.0	0.0

AM-10 THREE-DIMENSIONAL BUILT-UP DYNAMIC MODEL - FILE 14 - GEN 3  
 BASIC MISSION WEIGHT CONFIGURATION - 8933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES

EIGENVALUE # 4.012609E 04

FORCES OF SINGLE POINT CONSTRAINT

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7071	G	0.0	-1.559201E-02	0.0	0.0	0.0	0.0
7079	G	0.0	6.548513E-04	0.0	0.0	0.0	0.0
8571	G	0.0	4.070764E-02	0.0	0.0	0.0	0.0
8579	G	0.0	-1.583054E-03	0.0	0.0	0.0	0.0
9341	G	5.02408E-01	0.0	0.0	0.0	0.0	0.0
9349	G	1.211566E-01	0.0	0.0	0.0	0.0	0.0
9373	G	1.665612E-13	0.0	0.0	0.0	0.0	0.0
9377	G	1.037087E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	3.352579E-02	0.0	0.0	0.0	0.0
11579	G	0.0	4.590845E-01	0.0	0.0	0.0	0.0
13849	G	4.395551E 00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	5.922532E-02	0.0	0.0	0.0	0.0
13879	G	0.0	1.932989E 00	0.0	0.0	0.0	0.0
15633	G	0.0	6.058092E 01	0.0	0.0	0.0	0.0
15637	G	0.0	-5.243279E 01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	-1.680460E-12	0.0	0.0
18647	G	0.0	0.0	0.0	5.003791E-12	0.0	0.0
19763	G	0.0	0.0	0.0	-9.199423E-14	0.0	0.0
19767	G	0.0	0.0	0.0	1.702727E-12	0.0	0.0
19783	G	0.0	0.0	0.0	-2.125159E-12	0.0	0.0
19785	G	0.0	0.0	0.0	0.0	-2.698696E-02	0.0
19767	G	0.0	0.0	0.0	2.700293E-11	0.0	0.0
21343	G	0.0	0.0	0.0	-3.082118E-12	0.0	0.0
21347	G	0.0	0.0	0.0	2.404443E-11	0.0	0.0
21473	G	-9.124080E-05	0.0	0.0	0.0	-2.523289E-03	0.0
29055	G	-2.421604E-02	0.0	0.0	0.0	0.0	0.0
6411	G	0.0	0.0	0.0	-1.056983E-12	-6.950251E-13	3.122606E-12
6419	G	0.0	0.0	0.0	-7.249629E-13	-6.639938E-13	-9.055627E-12
62821	G	0.0	0.0	0.0	3.644418E-13	-1.209304E-13	-3.582319E-12
62829	G	0.0	0.0	0.0	-5.908405E-13	-1.329935E-12	-2.379336E-11
62831	G	0.0	0.0	0.0	6.030224E-13	-1.752748E-13	1.299732E-12
62839	G	0.0	0.0	0.0	1.203482E-13	4.94930E-14	-4.569509E-13
72811	G	0.0	0.0	0.0	1.271808E-12	-8.102902E-13	-3.670458E-12
72819	G	0.0	0.0	0.0	4.847833E-13	-9.274066E-13	9.931692E-12
72821	G	0.0	0.0	0.0	-7.687099E-13	-2.08583E-13	1.891093E-12
72829	G	0.0	0.0	0.0	-8.407300E-13	-1.458882E-12	2.588819E-11
72831	G	0.0	0.0	0.0	-5.188692E-13	-1.607993E-12	-1.688298E-12
72839	G	0.0	0.0	0.0	-1.126919E-13	4.987577E-14	4.594617E-13



AM-10 THREE-DIMENSIONAL PLATE-WP DYNAMIC MODEL - FILE 14 - GEN 1  
 BASIC MISSION WEIGHT CONFIGURATION - 5933 LB GROSS WEIGHT

NATURAL FREQUENCIES AND MODE SHAPES  
 EIGENVALUE # 5.073557E-04

F O R C E S O F S I N G L E - P O I N T C O N S T R A I N T

POINT ID.	TYPE	T1	T2	T3	R1	R2	R3
7074	G	0.0	-1.719030E-01	0.0	0.0	0.0	0.0
7079	G	0.0	1.042287E-01	0.0	0.0	0.0	0.0
8571	G	0.0	4.490151E-01	0.0	0.0	0.0	0.0
8579	G	0.0	-2.717924E-01	0.0	0.0	0.0	0.0
9341	G	-1.448362E-01	0.0	0.0	0.0	0.0	0.0
9349	G	4.477100E-01	0.0	0.0	0.0	0.0	0.0
9373	G	9.443835E-14	0.0	0.0	0.0	0.0	0.0
9377	G	-2.666772E-13	0.0	0.0	0.0	0.0	0.0
11571	G	0.0	-1.630967E-00	0.0	0.0	0.0	0.0
11579	G	0.0	7.045835E-01	0.0	0.0	0.0	0.0
13849	G	4.903197E-00	0.0	0.0	0.0	0.0	0.0
13871	G	0.0	3.065137E-00	0.0	0.0	0.0	0.0
13879	G	0.0	5.134900E-00	0.0	0.0	0.0	0.0
15633	G	0.0	-7.522716E-01	0.0	0.0	0.0	0.0
15637	G	0.0	2.638194E-01	0.0	0.0	0.0	0.0
18643	G	0.0	0.0	0.0	0.0	0.0	0.0
18647	G	0.0	0.0	0.0	-5.750795E-13	0.0	0.0
19743	G	0.0	0.0	0.0	-1.986733E-11	0.0	0.0
19747	G	0.0	0.0	0.0	1.325709E-13	0.0	0.0
19763	G	0.0	0.0	0.0	-2.741400E-12	0.0	0.0
19765	G	0.0	0.0	0.0	2.898743E-12	0.0	0.0
19767	G	0.0	0.0	0.0	0.0	6.564569E-02	0.0
21343	G	0.0	0.0	0.0	-4.323894E-11	0.0	0.0
21347	G	0.0	0.0	0.0	-2.862546E-12	0.0	0.0
21845	G	-6.021716E-04	0.0	0.0	1.420715E-11	0.0	0.0
29945	G	3.385073E-02	0.0	0.0	0.0	-6.486163E-03	0.0
62811	G	0.0	0.0	0.0	0.0	0.0	0.0
62819	G	0.0	0.0	0.0	4.925629E-13	2.030751E-13	-1.051756E-12
62821	G	0.0	0.0	0.0	3.649710E-13	-1.253687E-13	-3.736843E-13
62829	G	0.0	0.0	0.0	-5.650153E-13	1.309539E-13	-1.404317E-12
62831	G	0.0	0.0	0.0	6.850422E-13	-1.540037E-13	-6.787704E-13
72811	G	0.0	0.0	0.0	1.327217E-13	2.686196E-13	-2.786940E-14
72819	G	0.0	0.0	0.0	2.170122E-14	-6.324488E-16	5.832537E-15
72821	G	0.0	0.0	0.0	1.489704E-13	-6.810541E-14	-2.387117E-12
72829	G	0.0	0.0	0.0	-6.246175E-14	3.441564E-14	-6.278822E-13
72831	G	0.0	0.0	0.0	-4.161551E-13	-1.536307E-13	-1.069592E-12
72839	G	0.0	0.0	0.0	-6.912206E-14	-2.134160E-13	-1.232333E-12
	G	0.0	0.0	0.0	1.930502E-13	7.307184E-16	7.581233E-15
	G	0.0	0.0	0.0	2.282315E-14	-1.150424E-14	-1.060938E-13

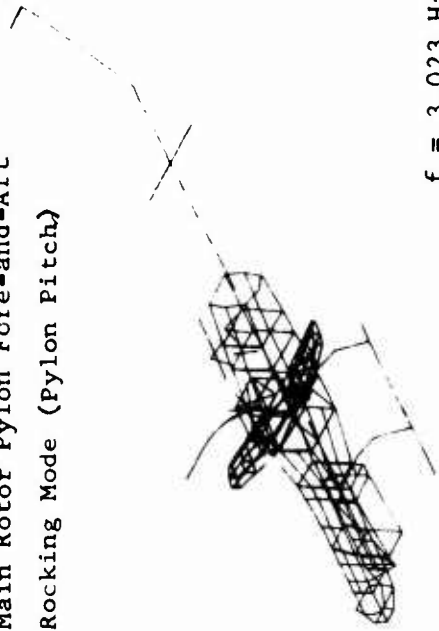
100-100-100

### 8.2.2 Normal Mode Plots

Normal mode plots from the NASTRAN normal modes analysis (Rigid Format 3) are shown in Figure 8-1. The elastic modes below 30 Hertz are shown. Many structural elements are deleted for clarity.

Undeformed Shape

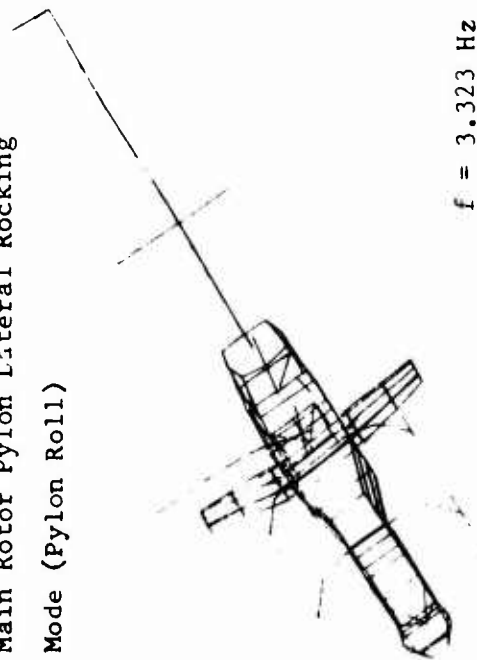
Main Rotor Pylon Fore-and-Aft  
Rocking Mode (Pylon Pitch)



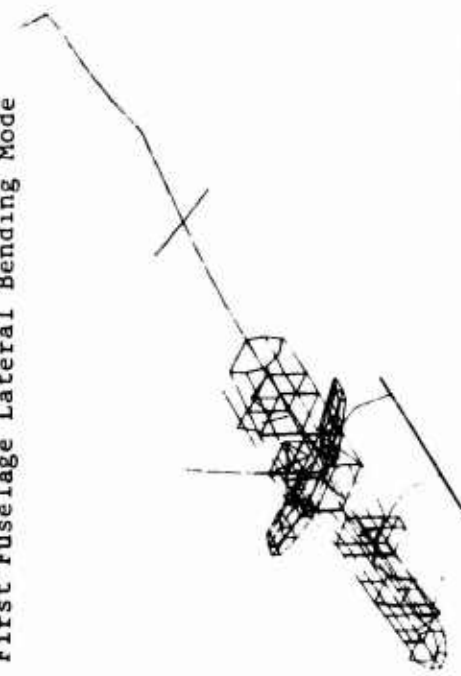
$f = 3.023 \text{ Hz}$

Main Rotor Pylon Lateral Rocking  
Mode (Pylon Roll)

First Fuselage Lateral Bending Mode



$f = 3.323 \text{ Hz}$



$f = 7.005 \text{ Hz}$

Figure 8-1. NACA 221 Normal Mode Plots

First Fuselage Vertical Bending Mode

$f = 7.910 \text{ Hz}$

Skid Landing Gear Mode

$f = 14.570 \text{ Hz}$

First Fuselage Torsion Mode

$f = 15.061 \text{ Hz}$

Second Fuselage Lateral Bending Mode

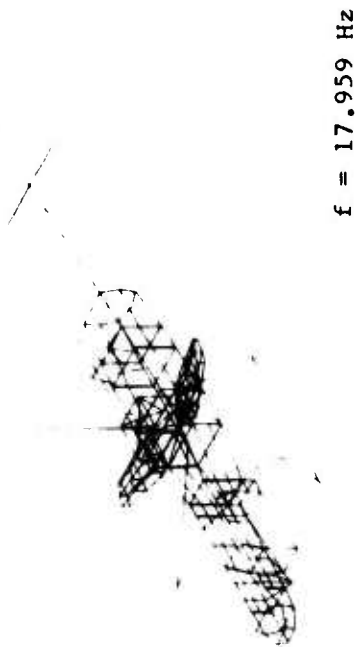
$f = 16.358 \text{ Hz}$

Figure 8-1. NASTRAN Normal Mode Plots (Cont'd)



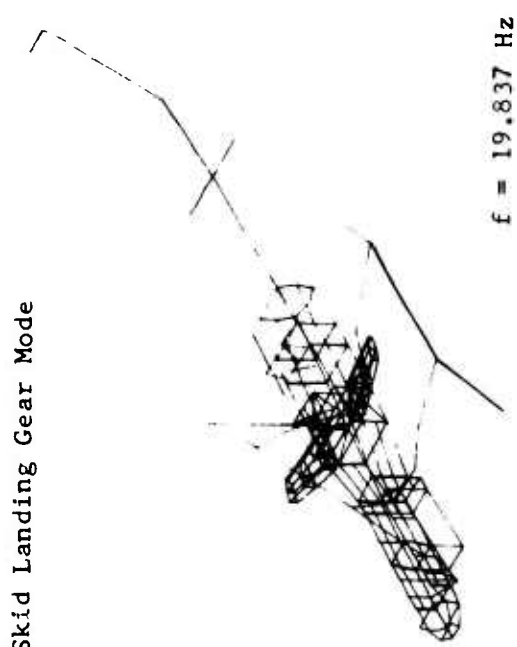
Second Fuselage Vertical Bending  
Mode

Skid Landing Gear Mode



$f = 17.959 \text{ Hz}$

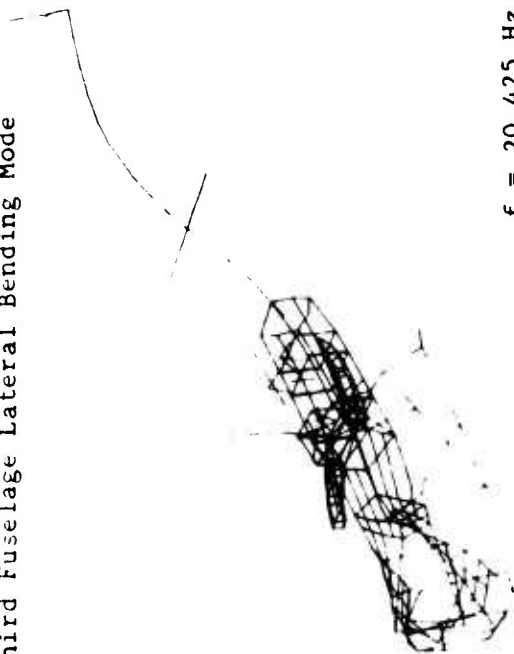
Rigid Body Engine Lateral Translation  
Mode



$f = 19.837 \text{ Hz}$

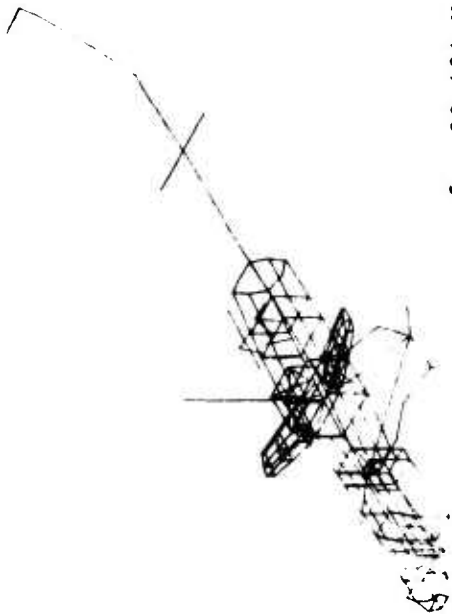
Figure 8-1. NASTRAN Normal Mode Plots (Cont'd)

Third Fuselage Lateral Bending Mode



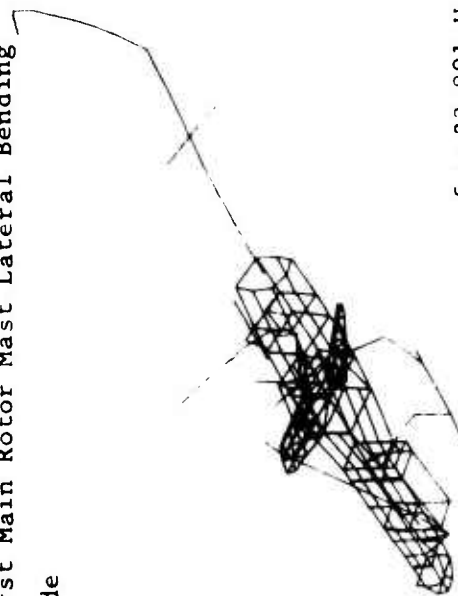
$f = 20.425 \text{ Hz}$

Skid Landing Gear Mode



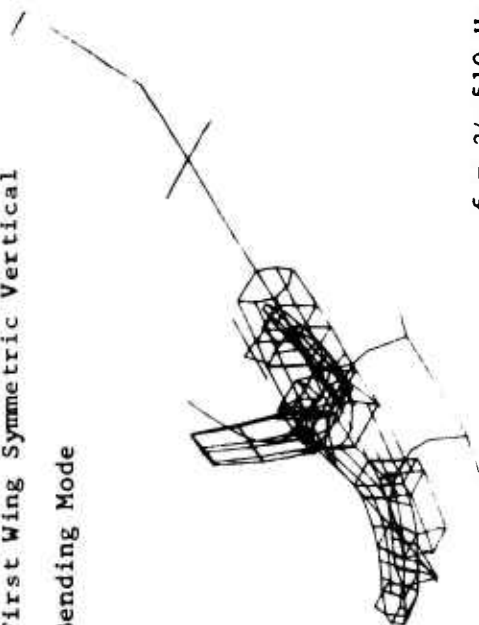
$f = 23.424 \text{ Hz}$

First Main Rotor Mast Lateral Bending Mode



$f = 23.891 \text{ Hz}$

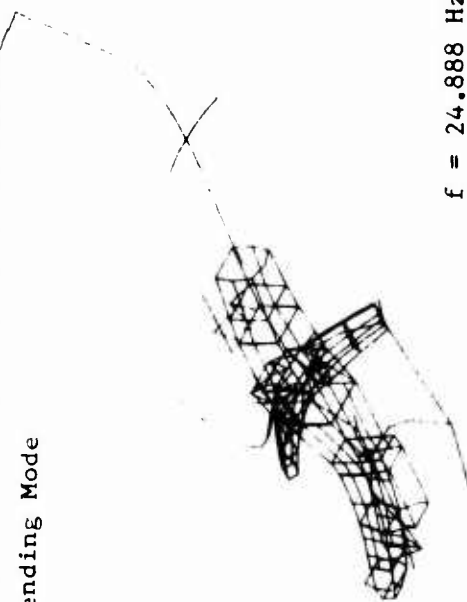
First Wing Symmetric Vertical Bending Mode



$f = 24.510 \text{ Hz}$

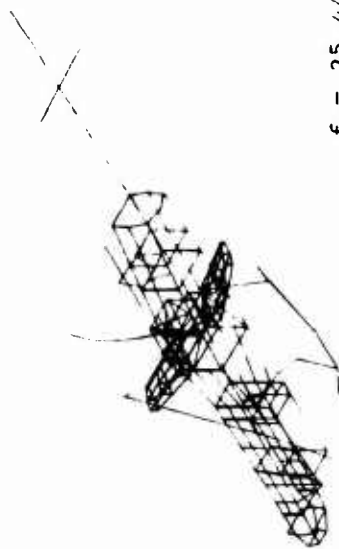
Figure 8-1. NASTRAN Normal Mode Plots (Cont'd)

First Main Rotor Mast Fore-and-Aft  
Bending Mode



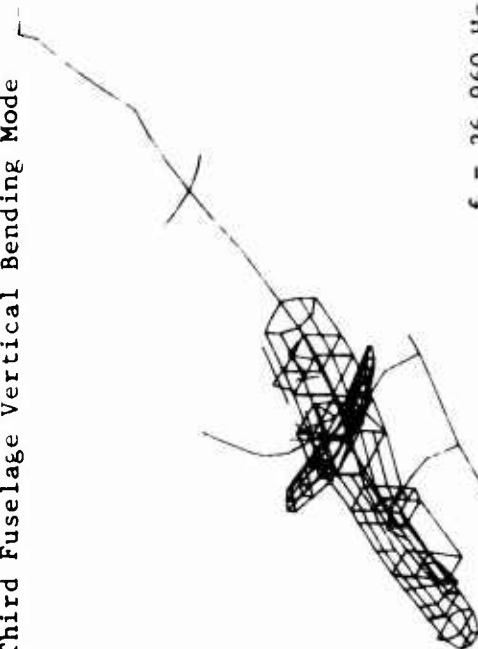
$f = 24.888 \text{ Hz}$

Skid Landing Gear Mode



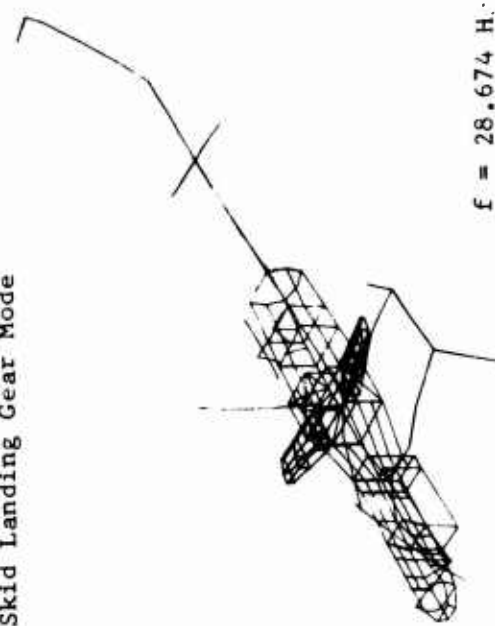
$f = 25.447 \text{ Hz}$

Third Fuselage Vertical Bending Mode



$f = 26.960 \text{ Hz}$

Skid Landing Gear Mode



$f = 28.674 \text{ Hz}$

Figure 8-1. NASTRAN Normal Mode Plots (Cont'd)

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